

hAPOE3

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

Gene Summary

Gene Symbol Apo^e	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 Apo^e 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

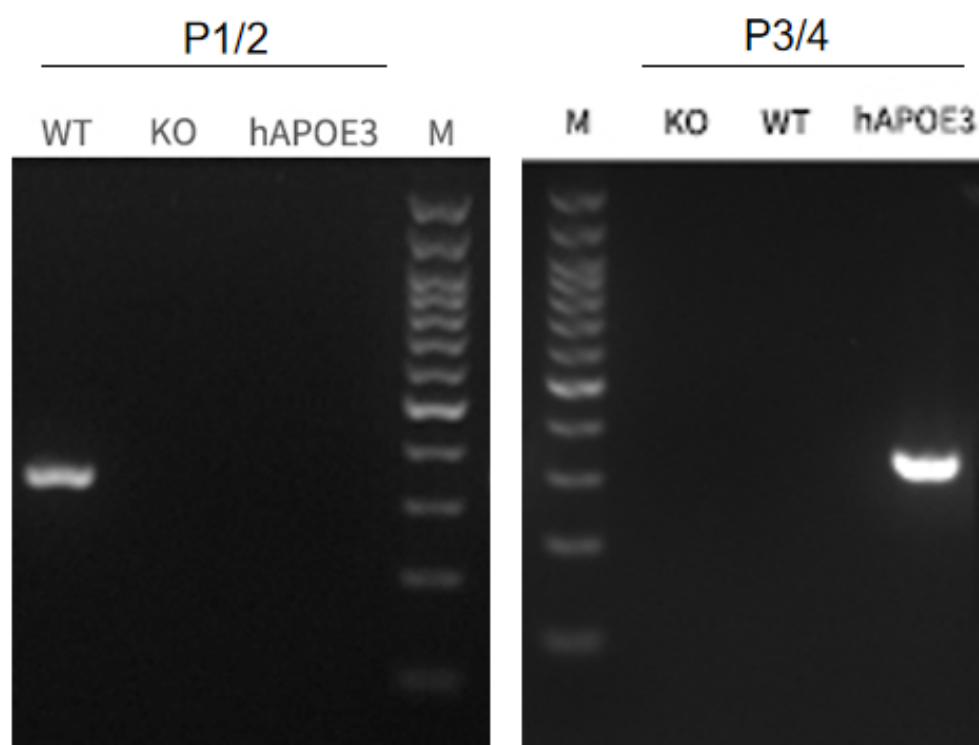


Fig1. Genotyping of WT 、 KO & Humanized mice by PCR.

Primer P1/2 Wild type = 342 bp

Primer P3/4 mutant = 332 bp

M: 100bp Plus DNA ladder.