

hCD3E/hPD-L1

Nomenclature	C57BL/6Smoc- <i>Cd3e</i> ^{em1(hCD3E)} <i>Cd274</i> ^{em1(hPD-L1)Smoc}
Cat. NO.	NM-HU-210449
Strain State	Repository Live

Gene Summary

Gene Symbol CD3E	Synonyms	CD3; T3e; AI504783; CD3epsilon
	NCBI ID	12501
	MGI ID	88332
	Ensembl ID	ENSMUSG00000032093
	Human Ortholog	CD3E
Gene Symbol Cd274	Synonyms	B7h1; Pdl1; Pdcd1l1; Pdcd1lg1; A530045L16Rik
	NCBI ID	60533
	MGI ID	1926446
	Ensembl ID	ENSMUSG00000016496
	Human Ortholog	CD274

Model Description

hCD3E(NM-HU-00114) was crossed with hPD-L1(NM-HU-00062) to generate hCD3E/hPD-L1 mice
 *Literature published using this strain should indicate: hCD3E/hPD-L1 mice (Cat. NO. NM-HU-210449) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

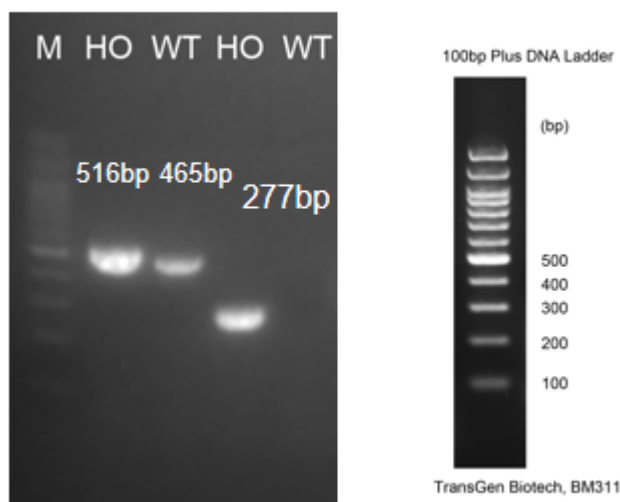


Fig1. Detection of CD3E expression in spleen and thymus by RT-PCR. Wild type: only one band at 465 bp with primers F1/R1(mCd3e); Homoygous: one band at 516 bp with primers F1/R1(recombinant hCD3E) and one band at 277 bp with primers F2/R2(hCD3E); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

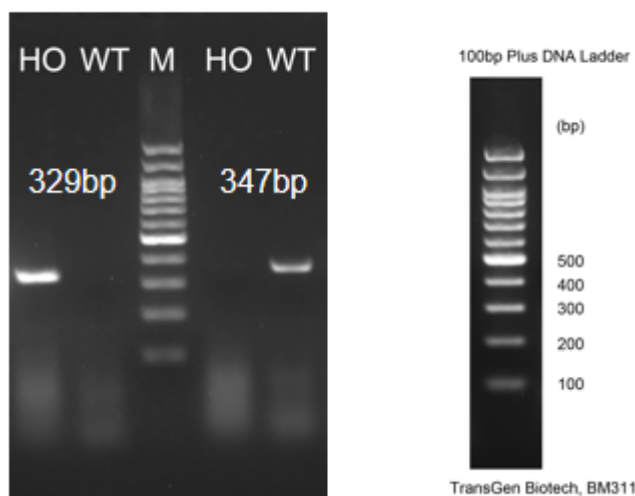


Fig2. Detection of PD-L1 expression in spleen and thymus by RT-PCR. Wild type: only one band at 347 bp with primers F1/R1(mPd-l1); Homoygous: only one band at 329 bp with primers F2/R2(hPD-L1); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.