hDLL3

Nomenclature	C57BL/6Smoc-*Dll3*^{em1(hDLL3)Smoc}
Cat. NO.	NM-HU-200231
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Dll3	**Synonyms**	pu; pudgy
	NCBI ID	13389
	MGI ID	1096877
	Ensembl ID	ENSMUSG00000003436
	Human Ortholog	DLL3

Model Description

The endogenous mice Dll3 gene was replaced by human DLL3 gene.

*Literature published using this strain should indicate: hDLL3 mice (Cat. NO. NM-HU-200231) were purchased from Shanghai Model Organisms Center, Inc..
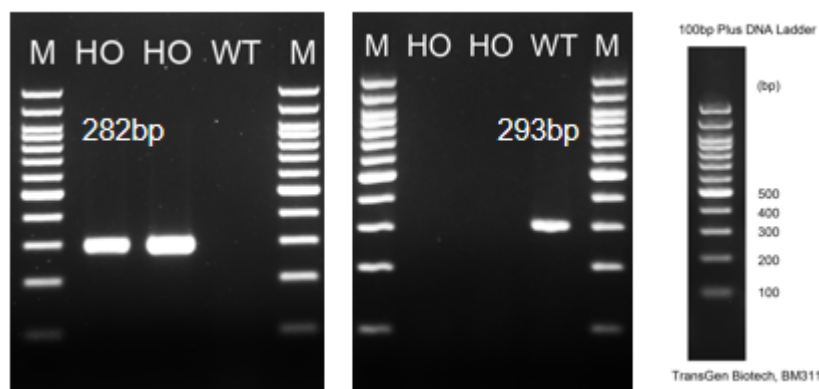
Validation Data

Fig.1 Detection of DLL3 expression in brain by RT-PCR.

Wild type: only one band at 293 bp with primers F1/R1 (mDll3);

Homozygous: only one band at 282 bp with primers F2/R2 (hDLL3).

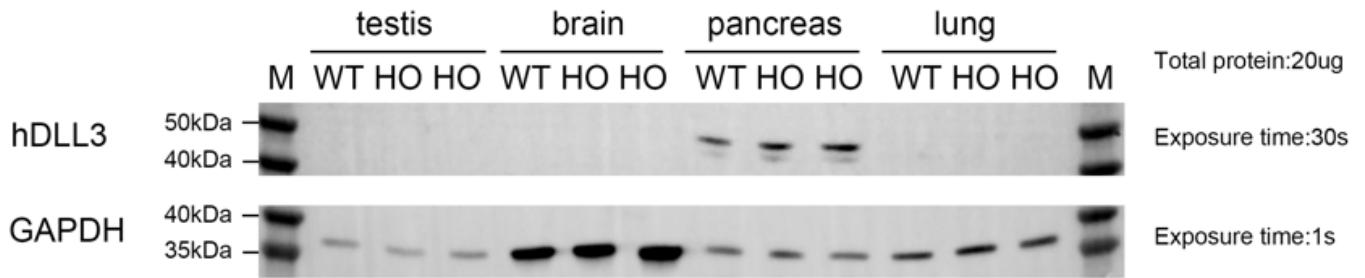Abbr. M, DNA marker; HO, homozygous; WT, wild type.

Fig.2 Detection of human DLL3 expression in hDLL3 knockin mice by WB.

Abbr. HO, homozygous; WT, wild type.

Note: The anti-human DLL3 antibody cross-reacted with mouse DLL3 and humanized DLL3.