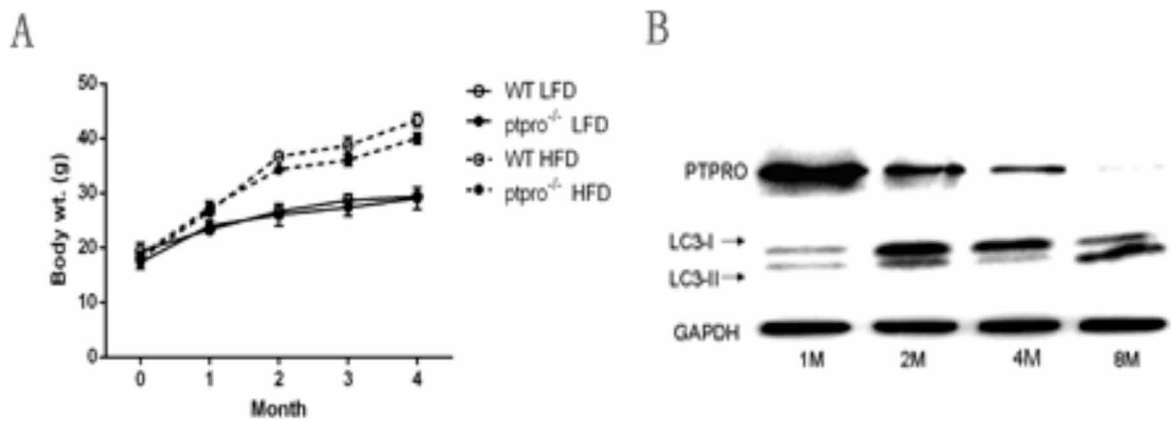
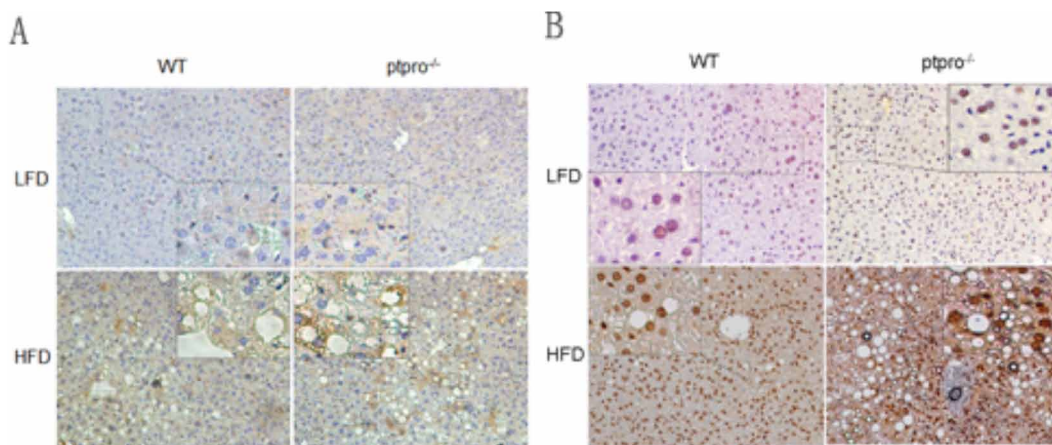


SUPPLEMENTARY FIGURES AND TABLE



Supplementary Figure S1: (A) Body weight gain during NASH development in WT and ptpro^{-/-} male mice kept on LFD or HFD after DEN administration (n = 6 per group). (B) Mice were feeding HFD, then liver tissues were collected at 1M (month), 2M, 4M, 8M and the protein levels of PTPRO, LC3I/II were analysis by Western-blot.



Supplementary Figure S2: (A) Representative figures for IHC staining of p-AKT (S473) in LFD or HFD treated liver of WT and ptpro^{-/-} mice. (B) Representative figures for IHC staining of p-MDM4 in LFD or HFD treated liver of WT and ptpro^{-/-} mice.

Supplementary Table S1: Primer sequences for amplification of target genes

Gene	Forward	Reverse
Dgat1	CTGATCCTGAGTAATGCAAGGTT	TGGATGCAATAATCACGCATGG
Pparg	TCTCCATCACGGAGAGGTC	GATGCACTGCCTATGAGCAC
Srebp1c	CTTTGGCCTCGCTTTTCGG	TGGGTCCAATTAGAGCCATCTC
Acox1	TAACTTCCTCACTCGAAGCCA	AGTTCCATGACCCATCTCTGTC
Hmgs2	GAAGAGAGCGATGCAGGAAAC	GTCCACATATTGGGCTGGAAA
Cpt1	AGTGGCCTCACAGACTCCA	GCCCATGTTGTACAGCTTCC
Gapdh	GCTGGTCATCAACGGGAAA	ACGCCAGTAGACTCCACGACA