

Supplementary Table S1 Oligonucleotide primers used in this study

Oligonucleotide	Sequence (5'-3')	Purpose
ADRP-F ADRP-R	ATGCCTGCCGCAAGACCATGCAAG GTAGGTCTCATCGACATCCTCGTCC	Cloning of TLDP1
EcoRI-LDRP-F LDRP-PstI-R	TAAGAATTCATGCCTGCCGCAAG TAACTGCAGGTAGGTCTCATCGACA	Recombinant protein of TLDP1
EF1-BamHI R FusionR FusionF Bgl2-UbiP F EFUbi556F EFUbi5396R	CATGGATCCCGAAAGACGGGCCGTAAGGAC CTTGGCGGCAGGCATCTTGTACAGCTCGTCCAT GAGCTGTACAAGATGCCTGCCGCAAGACC CATAGATCTGAGAGCGTTTGCTTCGAGCCGC GAAGGTGAAGTCGTAACAAGGTTT GGAAACAGCTATGACATGATTACG	GFP fusion protein
ADRP-BglII-F ADRP-BglII-R	GCGTAGAAGATCTTCAGGCCATCGAGC GCGTAGAAGATCTTCTGGCCACCTTGG	Addition of BglII site to TLDP1
KO-5'-F KO-5'-R KO-3'-R	AAG AGA TCT TGA GGC TCG GTG GG CGC AAA TCT CCG TCT ACT GTC TG CCC GTC GAA CTT TTA TTT CAA GGC	Screening and Southern blotting
YI-1 YI-2 5178F	GCAACACTAGCCAACATGGATTACAAGGATGAC GATGACAAGATGCCTGCCGCAAGACC ACAGATAGCTTAGTTTTAGTAGGTCTCATCGAC CTGTGTCACGCGTCCACTT	Expression of FLAG fused TLDP1
FASf2 FASr2 Pusf Pusr realtime2AF realtime2AR GAPDH2F GAPDH2R	GAACGAAATCATGGGCGAA GGGCAAAGCAGCAGAAAG GGGTATTGACTTCCAGAACAAGAGC GATGTCGTA CTCCAGGGTCTCG GGTAACTTCGCAACTGATTCCAC CAGAGACCCATATACAGCAGAAGC TACGAGGAGATCAAGAAGGTCCTC TTAAGCATGATACCGGCGTCAGC	Real-time PCR