

Table S1 Table of oligonucleotide primer pairs used for the sequencing of *Ap3m2* and genotyping of *Ap3m2KO* mice.

Primer Sequence 5' to 3'	Primer Name
ATG CTG GAC AAT GGG TTC CCC	Ap3m2WTFwd
AAT TGT AGG GTT CTC ATC GGG	Ap3m2WTRev
CAC CGG CCT CTC CAC CAT G	Egfp_fwd
GTG TTC TGC TGG TAG TGG TCG	Egfp_REV
AGC CCA CCA AAG GTT TGG T	Ap3m2Fwdcds
GAC AGT GTC GTG TTG GCA GTA TC	Ap3m2Revcds-r
GTA CTT CTC CCC GTA CAT ATC CAG A	Ap3m23'Fwd
GAA CCT CTT AAT GGG CCC TAA AG	Ap3m23'Rev-r
GGA GAC ACC CTA GTT TGT CTA CAG TG	Ap3m25utr fwd
GTG CAA GGA GCA CTG CG	Ap3m25utrRev-r
GAA ACC ACA GAG AAA CTC TAC TCG G	Ap3m2Proxfwd
CAG GAC TGA GAG GCT GGT GTG	Ap3m2proxrev-r
GAG ACT CAT CTA GAT TGG CAC GAC	Ap3m2p1r
ACT GTG CAC CTG CGT TGC	Ap3m2p1
CGG TAA GAT GAA GTG TGA AGG G	Ap3m2p2
AAC AGT GTG CAG AGA AAA ATA GGC	Ap3m2p2r
GAC CGT GAC CAC TCC CTC C	Ap3m2p3
CCA GGG ACC AAC TTT CAC AAG	Ap3m2p3r
CAA ACA GAA TCA GTT TGC CGG	Ap3m2p4
CCA CCC AAC CTC AAG ATC TCT C	Ap3m2p4r
GGG ACC CTC CCT AAA TTA ACC A	Ap3m2p5
ACT GTC AGT CTG GAT AAC ACA CTG C	Ap3m2p5r
GGA AAT TGT TGT GTT CAC CTC TAC A	Ap3m2p6
CCA AGA GCT GAT CTT GAG GTT C	Ap3m2p6r
GCC ACC AGG CTC TCC AAC	Ap3m2p7
CAT TTT CTT CTG TTA TAA TGG ACC ATT CT	Ap3m2p7r
CAC AGC TCT GTG AGA GAT TTG AAA C	Ap3m2p8
GTT TGC TCA GGT CTC CTG TGC	Ap3m2p8r
GAG TAG ATC TCT CGT GTG GGA AAA C	Ap3m2p9
CTG CGC TGA GCT GTT GAA C	Ap3m2p9r
CTG CTC CCC ACA ATT GAC TC	Ap3m2p10
AGT GTG ATG GTA AAT ACT GAT TTT CAA CT	Ap3m2p10r