Genotyping protocol
B6.Cg-Ldlr Tg(APOB100)/Kctt
EM:09689

PCR primers

HUAPOB_F - 5´ TCA TGG GCT TGG AGA ATG C 3´
HUAPOB_R - 5´ GAG CCC ACC CTG CAG AGA 3´

PCR profile

95 ˚C, 5 min

95 ˚C, 30 s — 35 cycles
50 ˚C, 30 s
72 ˚C, 1min

72 ˚C, 10 min
4 ˚C, ∞

PCR mix

10 x PCR buffer	3.0 µl
$MgCl_2$ (25 mM)	1.8 µl
dNTPs (25 mM each)	0.24 µl
HUAPOB_F (100 µM)	0.15 µl
HUAPOB_R (100 µM)	0.15 ul
AmpliTaq Gold (5 U/µl)	0.15 µl
DNA template (~ 0.5 µg tail DNA)	2.0 µl
H_2O	22.51 µl
	30 µl

Post-PCR analysis

Load 12 µl of the PCR reaction on a 2% agarose gel.
Expected pattern for transgene- ca 100bp.