Genotyping protocol

EM:10662

B6N.129(Cg)-Npy1r$^{tm1.1Ceva}$/Kctt

Primers

Y151	5´ CTG CTG TTG ACA CCA TTT GTC TAA CAC TTG G 3´
YINT1AS	5´ AAA GAT GAT CTT AGA CAT TTG 3´

PCR profile

95 ˚C, 5 min

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

72 ˚C, 10 min
4 ˚C, ∞

PCR mix

10 x PCR Buffer II (Life technologies)	2.0 µl
$MgCl_2$ (25 mM)	1.2 µl
dNTP mix (25 mM of each nucleotide)	0.16 µl
Y151 (100 µM)	0.1 µl
YINT1AS (100 µM)	0.1 µl
AmpliTaq Gold (5 U/µl)	0.13 µl
DNA template (~ 0.5 µg tail DNA)	1.0 µl
H_2O	15.31 µl
	20 µl

Post-PCR analysis

1.5% agarose gel.
Expected pattern is **wt:260bp**
Mut: 380bp