

Genotyping protocol

EM:10584

B6N.129X1-Scara5^{tm1Ktry}/Kctt

Primers

p6 5' CAT AGC AAC AAG GAC AGC CTT 3'
 p8 5' GAG TAC GTG CTC GCT CGA TA 3'
 p9 5' TGG GGC TGT ATC TTC TGG TCT T 3'

PCR profile

95 °C, 5 min

 95 °C, 45 s
 52 °C, 1 min 35 cycles
 72 °C, 75 s

 72 °C, 10 min
 4 °C, ∞

PCR mix

10 x PCR Buffer II (Life technologies)	3.0 µl
MgCl ₂ (25 mM)	1.8 µl
dNTP mix (25 mM of each nucleotide)	0.24 µl
p6 (100 µM)	0.15 µl
p8 or p9 (100 µM)	0.15 µl
AmpliTaq Gold (5 U/µl)	0.15 µl
DNA template (~ 0.5 µg tail DNA)	2.0 µl
H ₂ O	<u>22.51 µl</u>
	30 µl

Post-PCR analysis

p6+p9...wt 163bp
 p6+p8...ko 869bp