

Genotyping protocol

EM:11094

C57BL/6-Tg(Hoxb8-flpo)110ki/Kctt

Primers

HoxB8Seq1 5' CTC CCC AAC AGC CCC CAA CTA CAG 3'
 FlpO1Re 5' GTC GCT GAA CCT GCC GCA GTT GAT GAA TGT 3'

PCR profile

94 °C, 5 min
 94 °C, 20 s
 55 °C, 45 s 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
36512-flpO-tgF2 (100 µM)	0.1 µl
36512-flpO-tgR2 (100 µM)	0.1 µl
AmpliTaq Gold (5 U/µl)	0.13 µl
DNA template (~ 0.5 µg tail DNA)	1.0 µl
H ₂ O	<u>15.31 µl</u>
	20 µl

Post-PCR analysis

1.5% agarose gel.
 Expected pattern is Tg:800bp