Genotyping protocol

EM:11093

C57BL/6-Tg(Slc17a6-GFP)1Oki/Kctt

Primers

eGFPFW 5´ GCC GAG GTG AAG TTC GAG GG 3'
Vg23'Srev: 5´ TTC CCA CAC AAG ATA CAG ACT CC 3'

PCR profile

95 ˚C, 5 min

94 ˚C, 30 s 35 cycles
50 ˚C, 1 min
72 ˚C, 2 min

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
eGFPFW (100 µM)	0.15 µl
Vg23´Srev (100 µM)	0.15 µl
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

1.5% agarose gel.
Expected pattern is **1.3kbp**