

Genotyping protocol

EM:10886

FVB/N-Tg(CAG-Itga11)1Dgul/Kctt

Primers

Tg-alpha 11 Ex2	5' TCA CGG ACA CCT TCA ATA TGG ATA C 3'
Tg-alpha 11 Ex5	5' GAA TCT GAA GTT GGA GTT GAC CCG T 3'

PCR profile

95 °C, 5 min	
95 °C, 30 s	
58 °C, 45 s	35 cycles
72 °C, 1 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
Tg-alpha 11 Ex2 (100 µM)	0.15 µl
Tg-alpha 11 Ex5 (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

1.5% agarose gel.
Expected pattern is **Tg: 534 bp**