

# Genotyping protocol

EM:10394

**STOCK DII1<sup>tm15.1Gos</sup>/Kctt**

## Primers

EGF7 F1      5' GGA GCC ACC TGC ACC AAC ACG3'

EGF7 mut R2      5' GCC AGG TGG GCC GGT ACC3'

## PCR profile

95 °C, 5 min

94 °C, 30 s                                      35 cycles

58 °C, 30 s

72 °C, 1 min

72 °C, 10 min

4 °C, ∞

## PCR mix

10 x PCR Buffer II (Life technologies)	3.0 µl
MgCl <sub>2</sub> (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 <sub>2</sub> O	<u>22.51 µl</u>
	30 µl

## Post-PCR analysis

1.5% agarose gel.

Expected pattern is **500bp**