Genotyping protocol

EM:10393

STOCK Dll1$^{tm14.1Gos}$/Kctt

Primers

EGF5-6 F1 5´ CTG TCT GCC AGG GTG TGA TGA CCA AC3'
EGF6 mut R1 5´ CCA GCC TGG CCC CGG CC3'

PCR profile

95 ˚C, 5 min

94 ˚C, 30 s 35 cycles
58 ˚C, 45 s
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
EGF8 F1 (100 µM)	0.15 µl
EGF8 mut R2 (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 **630bp**