

PCR GENOTYPING PROTOCOL

Pdpn-Cre

Date:

Samples:

PCR Mix

	Concentration	Final Concentration	µl/reaction	9
OneTaq Standard Buffer	5x	1x	4	36
dNTP Mix	2mM each	0,2mM	2	18
cre_fw	10µM	0,125µM	0,25	2,25
cre_rev	10µM	0,125µM	0,25	2,25
Taq	5U/µl	0,025U	0,1	0,9
H2O			12,4	111,6
DNA sample			1	

PCR Programme:

94°C	2min	
94°C	15sec	x30
60°C	20sec	
68°C	60sec	
68°C	2min	

Primer sequences

cre_fw 5'-ATG CTC CTG TCT GTG TGC AG-3'
cre_rev 5'-TCT CTG CCC AGA GTC ATC CT-3'

Amplicon size: 800bp

1% Gel analysis

Material:

One Taq DNA Polymerase (M0480L)