

PCR GENOTYPING PROTOCOL

Jmjd1c_tm1c

Date:

Samples:

PCR Mix

	Concentration	Final Concentration	μ l/reaction	10
OneTaq Standard Buffer	5x	1x	4	40
dNTP Mix	2mM each	0,2mM	2	20
Jmjd1c_253929_F	10 μ M	0,125 μ M	0,25	2,5
Jmjd1c_R2	10 μ M	0,125 μ M	0,25	2,5
Taq	10U/ μ l	1U	0,1	1
H2O			12,4	124

DNA sample

1

PCR Programme:

94°C	2min	x35
94°C	15sec	
68°C	90sec	
68°C	2min	

Primer sequences

Jmjd1c_253929_F

5'-GAA GTG ATC TGG GAG TTG TGC-3'

Jmjd1c_R2

5'-GGT TGA TGT AGC CAA GGA CTG-3'

Amplicon size:

531bp

wildtype

726bp

mutant

1% Gel analysis