

Genotyping protocol

General information:

Strain name	B6;129-Cdkn1c<tm1Bbd>/Cnbc
-------------	----------------------------

Primers:

Name	Sequence	Primer type
BH81	GAGGCTATTCGGCTATGA	
BH82	ATGTTTCGCTTGGTGGTC	

In case more than two primers are introduced, please indicate how they should be combined:

	Forward primer	Reverse primer
Mutant	BH81	BH82

Reaction mix:

ddH ₂ O	18,5	μl
PCR Buffer 15mM MgCl ₂	2,5	μl
dNTPs 2,5mM	2,5	μl
Primer 100μM	0,125	μl
Primer 100μM	0,125	μl
Taq Polymerase 5U/μl	0,250	μl
DNA	1	μl
Final volume	25	μl

PCR program:

95	°C	5	min	X35
95	°C	30	sec	
58	°C	30	sec	
72	°C	60	sec	
72	°C	10	min	

Expected fragment size:

mutant	350	bp
--------	-----	----

Comments/Additonal information:

--