

Genotyping protocol

General information:

Strain name	Cdkn2btm1Bbd
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Primers:

Name	Sequence	Primer type
P15f_11B2	TACCGGACTCAAGAGACCCACT	
P15r_11B3	GGCTTAAGTGGGTGTCTCCATC	
NeoF_2B5	CCAGCTCATTCCTCCCACTCA	

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

	Forward primer	Reverse primer
WT	P15f_11B2	P15r_11B3
KO	P15r_11B3	NeoF_2B5

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	
95	°C	30	sec	X35
58	°C	30	sec	
72	°C	45	sec	
72	°C	10	min	

Expected fragment size:

WT	280	bp
KO	420	bp

Comments/Additonal information: