

Genotyping protocol

General information:

Strain name	CD1.129-Cnr1 ^{tm1Map} /Cnbc
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Primers:

Name	Sequence	Primer type
CB1KOR3b	GAT CCA GAA CAT CAG GTA GG	
Neo DR3	AAG GAA GGG TGA GAA CAG AG	
CB1 KOD1	CAT CAT CAC AGA TTT CTA TGT AC	
CB1 WTR1	GAG GTG CCA GGA GGG AAC C	

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

	Forward primer	Reverse primer
wt	Neo DR3	CB1KOR3b
mutant	CB1 KOD1	CB1 WTR1

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:

94	°C	2	min	X30
94	°C	60	sec	
56	°C	60	sec	
72	°C	60	sec	
72	°C	7	min	

Expected fragment size:

wt	366	bp
mutant	521	bp

Comments/Additonal information: