

Genotyping protocol

General information:

Strain name	MRL.Cg-Ccr2tm1Blck Faslpr/Cnbc
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Primers:

Name	Sequence	Primer type
Ccr2WT_Fw	ATGCCGTGACTGAACCATATC	Gene-specific
Ccr2WT_Rv	TGCCCTCCTTTCTTAAATTCC	Gene-specific
Ccr2KO_Fw	AGAACGGCATCAAGGTGAAC	Gene-specific
Ccr2KO_Rv	GGTCTTTGCTCAGGGCG	Gene-specific

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

	Forward primer	Reverse primer
Ccr2WT	Ccr2WT_Fw	Ccr2WT_Rv
Ccr2KO	Ccr2KO_Fw	Ccr2KO_Rv

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	3	min	X30
94	°C	30	sec	
60	°C	30	sec	
72	°C	30	sec	
72	°C	10	min	

Expected fragment size:

Ccr2WT	209	bp
Ccr2KO	159	bp

Comments/Additonal information:

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