

Genotyping protocol

General information:

Strain name	Kin-LoxPe11-GPBP-1
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Primers:

Name	Sequence	Primer type
ON_LOX71F	CTCTTCTCAGGAATTTAGGTAGGAAGGG	
ON_LOX71R	GCAGCAAGTGCTGGACTCCACGCACC	

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

	Forward primer	Reverse primer
Mutant allele	ON_LOX71F	ON_LOX71R

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	X40
94	°C	45	sec	
60	°C	15	sec	
72	°C	20	sec	
72	°C	5	min	

Expected fragment size:

Mutant allele	300 bp
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Comments/Additonal information:

Provider or PubMed ID: 21832087