

Genotyping protocol

General information:

Strain name	B6.129P2(FVB)-Fgf3<tm1Sng>/Cnbc
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Primers:

Name	Sequence	Primer type
cDNAneo_oligo1	ACGACGGGCGTTCCTTGCGCAGCTGTG	
cDNAneo_oligo2	CCTGGTACTATGGTGCTA	
KO_oligo1	CATCTCCACCTCTCTCCAG	
KO_oligo2	CCTGGTACTATGGTGCTA	

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

	Forward primer	Reverse primer
neo	cDNAneo_oligo1	cDNAneo_oligo2
KO	KO_oligo1	KO_oligo2

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 neo:

94	°C	5	min	X35
94	°C	30	sec	
58	°C	30	sec	
72	°C	60	sec	
72	°C	10	min	

PCR program KO:

94	°C	5	min	X35
94	°C	30	sec	
58	°C	30	sec	
72	°C	30	sec	
72	°C	10	min	

Expected fragment size:

neo	1100	bp
wt	425	bp

Comments/Additonal information:

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