

# Genotyping protocol

## General information:

Strain name	B6J.B6N(Cg)-Pomt1<tm1c(EUCOMM)Hmgu>/Cnbc
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## Primers:

Name	Sequence	Primer type
FRT1-Fw	CATGCTCACTGGGCTTGGTAAAT	
loxP2-Rv	CATGTGTGTAGTGTCCACCGAGG	

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

	Forward primer	Reverse primer
Wt / Floxed	FRT1-Fw	loxP2-Rv

## Reaction mix:

ddH <sub>2</sub> O	18,5	μl
PCR Buffer 15mM MgCl <sub>2</sub>	2,5	μl
dNTPs 2,5mM	2,5	μl
Primer 100μM	0,125	μl
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Taq Polymerase 5U/μl	0,250	μl
DNA	1	μl
Final volume	25	μl

## PCR program:

94	°C	4	min	X35
94	°C	30	sec	
63	°C	60	sec	
72	°C	60	sec	
72	°C	2	min	

## Expected fragment size:

wt	328	bp
Floxed	431	bp

## Comments/Additonal information:

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