

Genotyping protocol

General information:

Strain name	C57BL/6N-II10tm1a(EUCOMM)Wtsi/Cnbc
-------------	------------------------------------

Primers:

Name	Sequence	Primer type
Rv	GAAGGCGATAGAAGGCGATG	
EX3	CCAAGCCTTATCGGAAATGA	

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

	Forward primer	Reverse primer
Tm1a allele	Ex3	LR

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	5	min	X35
94	°C	30	sec	
56	°C	60	sec	
72	°C	60	sec	
72	°C	10	min	

Expected fragment size:

Tm1a allele	618 bp
-------------	--------

Comments/Additonal information:

--