

Genotyping protocol

General information:

Strain name	CnbcLmon:NMRI-Tg(tetO-Tyr)1335Lmon Tg(Tyr-rtTA)4111Lmon Gnat2<+>
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Primers:

Name	Sequence	Primer type
TT3	GACTACAGCTACCTCCAAGAGTCAGATCC	Gene-specific
TT4	GTTTGTCCAATTATGTCACACCACAGAAG	Gene-specific
Tyr-Seq	CTGGGCGAGTTTACGGGTTG	Gene-specific
rtTA	ACCCGGGTCGAGTAGGCG	Gene-specific

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

	Forward primer	Reverse primer
TRE-Tyr, TRETyBS and TRETyBSnew transgenes	TT3	TT4
HSTyrTET transgenes	Tyr-Seq	rtTA

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	2	min	X35
94	°C	30	sec	
65	°C	30	sec	
65	°C	30	sec	
72	°C	10	min	

Expected fragment size:

TRE-Tyr, TRETyBS and TRETyBSnew transgenes	558	bp
HSTyrTET transgenes	350	bp

Comments/Additonal information:

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