

Transgenic Mouse Genotyping

Objective

Genotyping two mouse colonies using protocols provided by the Sponsor.

Starting material

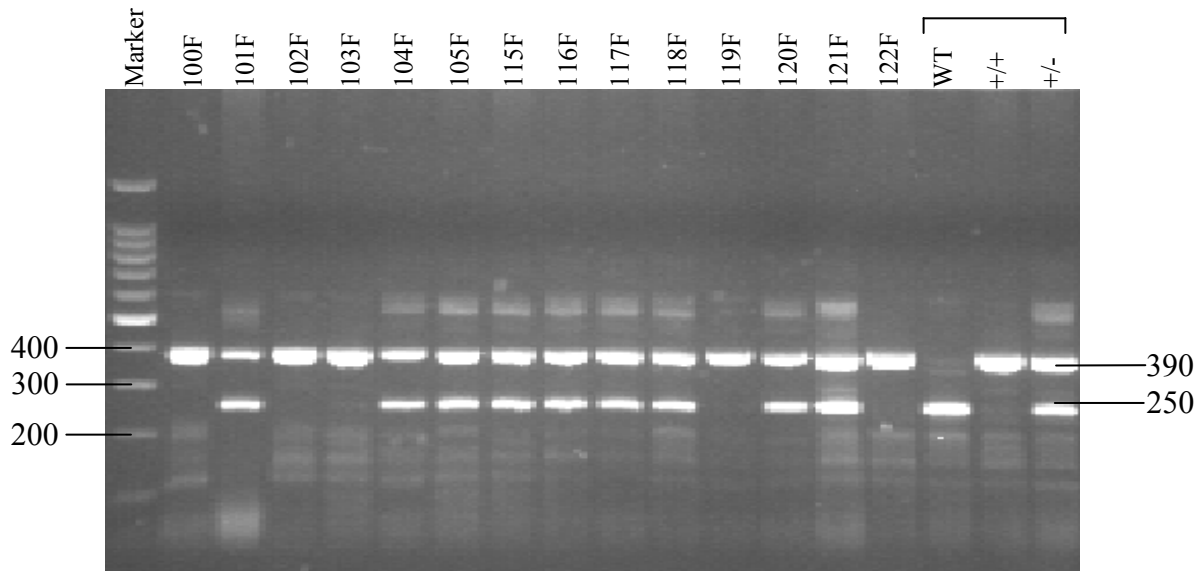
20 Mouse tails

Methods

1. Extraction of genomic DNA from mouse tails with AutoGenprep.
2. Synthesis of primers designed by the Sponsor.
3. PCR amplification of target sequences using Taq Polymerase (Invitrogen) and protocols provided by the Sponsor.
4. 2% agarose gel electrophoresis using 100 bp DNA ladder (Promega) as size marker.
5. Results interpretation.

Results

Protocol MF151

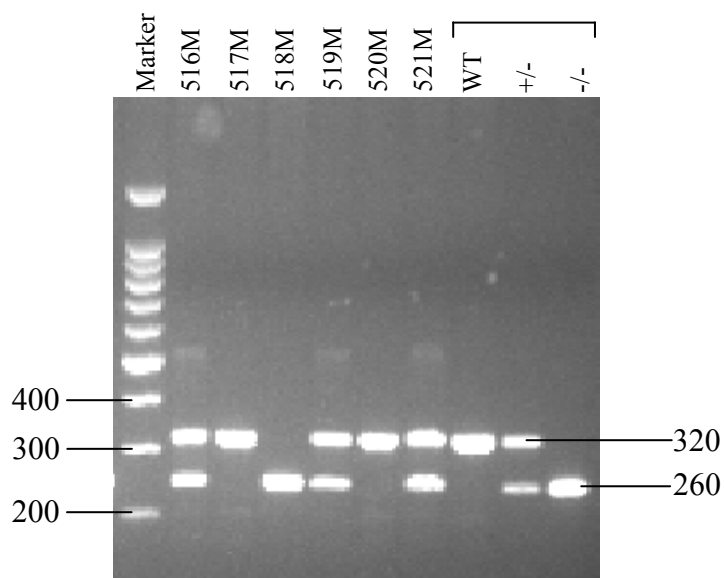


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	Mouse ID														
PROTOCOL MF151	100F	101F	102F	103F	104F	105F	115F	116F	117F	118F	119F	120F	121F	122F	TOTAL
HETEROZYGOUS	+		+	+							+				4
HOMOZYGOUS		+			+	+	+	+	+	+		+	+	+	10
WILD TYPE															0
NO DATA															0

Protocol CE 052



	Mouse ID							
PROTOCOL MF151	516M	517M	518M	519M	520M	521M	TOTAL	
HETEROZYGOUS	+			+		+	3	
HOMOZYGOUS			+				1	
WILD TYPE		+			+		2	
NO DATA							0	

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Conclusions

All 20 tails submitted for genotyping were successfully analyzed.

14 tails analyzed with protocol MF151 gave 4 homozygous and 10 heterozygous.

6 tails analyzed with protocol CE 052 gave 1 homozygous, 3 heterozygous and 1 wild.