

Trib1 Genotyping conditions

We use Green GoTaq Master Mix from Promega.

Reagent	Volume
Master Mix	12,5 µL
H2O	9,5 µL
Primer 1	0,8 µL
Primer 2	0,8 µL
cDNA	2 µL

Primers:

Primer	Sequence	Product PCR Size
Tri1	Mg1F: 5'-GTG-GTT-TGT-CCA-AAC-TCA-TC-3' R1: 5'-GGT-AGT-GTT-TAA-TGG-GGA-AT-3'	538pb
Mb1Cre	Fw: 5'- ACC-TCT-GAT-GAA-GTC-AGG-AAG-AAC-3' Rv: 5- GGA-GAT-GTC-CTT-CAC-TCT-GAT-TCT-3'	500pb
Homozygotes	Er2: 5'- CCG-AAA-ATC-TGT-GGG-AAG-TCT-TGT-CC-3' Xf: 5'- GGG-AGG-GGA-GTG-TTG-CAA-TAC-CTT-TCT-3'	522pb

PCR Conditions:

Trib1: 94°C

PCR	PCR Program				
	I. 94°C	II. Cycles		III. 72°C	IV. 8°C
		Description	Number		
Trib1	5 min	94°C 30 s 56°C 30 s 72°C 90 s	35	7 min	∞
Mb1Cre	5 min	94°C 30 s 58°C 30 s 72°C 60 s	30	7 min	∞
Homozygotes	5 min	94°C 30 s 65°C 30 s 72°C 60 s	30	7 min	∞