

Genotyping protocol

General information:

Strain name	Tshr Met453Thr
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Primers:

Name	Sequence	Primer type
Tshr_FatI_Fwd	5'- AATCGTGGTGTGGTTTGTCA -3'	ssDNA oligonucleotide
Tshr_ex10_Rev	5'- AGGGTGATGACCGTCAGTGT -3'	ssDNA oligonucleotide

PCR program:

95	°C	5	min	X35
95	°C	30	sec	
60	°C	30	sec	
72	°C	1	min	
72	°C	10	min	

Expected fragment size:

wt	320	bp
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Comments/Additonal information:

The PCR product must be digested with restriction enzyme FatI and the digestion products must be analyzed by agarose gel electrophoresis
Wild-type DNA sequences will render three bands : 30 bp + 102 bp + 188 bp
Mutant DNA sequences will render two bands : 132 bp + 188 bp