

GENOTYPE: Ai32

PRIMERS:

oIMR9020: AAGGGAGCTGCAGTGGAGTA
oIMR9021: CCGAAAATCTGTGGGAAGTC
oIMR9102: ACATGGTCCTGCTGGAGTTC
oIMR9103: GGCATTAAAGCAGCGTATCC

WT BAND: 297bp

MUTANT BAND: 212 or 253bp

PROGRAM: Ai32

Denature	95 ⁰ C: 3min
Amplification (35 cycles)	95 ⁰ C: 20sec 61 ⁰ C: 30sec 72 ⁰ C: 30sec
Elongation	72 ⁰ C: 2min 4 ⁰ C: 10min

<u>PCR REACTION</u>	<u>1X (ul)</u>
ddH ₂ O	6.5
2x Master Mix (Fermentas, K1082)	12.5
Primer oIMR9020 (10uM)	1
Primer oIMR9021 (10uM)	1
Primer oIMR9102 (10uM)	1
Primer oIMR9103 (10uM)	<u>1</u>
	23
DNA	2

GEL: 2% long