**Table e-1: Oligonucleotides used for the molecular analysis of the m.159992T>A mutation**

**Heteroplasmy assessment by mispairing restriction**

Reverse primer GAATAGTTTAAATTAGAAT*A*TTAGC (the modified nucleotide (in italic) removes a DdeI restriction at position 16000 of the mitochondrial DNA

Forward primer CTTCACAACAATCCTAATC.

**Probes for Northern analysis**

mitochondrial tRNAPro: CTCCACCATTAGCACCC

mitochondrial tRNALeu1: GAACCTCTGACTCTAAAG

mitochondrial tRNALeu2: TACTTTTATTTGGAGTTG

mitochondrial tRNAVal: TGGGTCAGAGCGGTCAAGTTAAGTTGAAATCTCC

mitochondrial tRNAGlu: GGTATTCTCGCACGGACTAC

mitochondrial tRNAThr: CATCTCCGGTTTACAAG

cytosolic tRNALys: ACTTGAACCCTGGACC

**Search for the presence of inosine at the wobble position of tRNA**

**Extended oligonucleotides for the RT-PCR amplification**

mitochondrial tRNAPro: AGAGTATATGGATCCctctctaaatgttaaagccgctTGGTCAGAGAAAAAGTCTTTAAC

and GGTATATAGTAAGCTTattaaggccatataatcttcgaCAGAGAATAGTTTAAATTAG

cytosolic tRNAVal : GAGAGTATATGGATCCctctctaaatgttaaagccgctTGGTGTTTCCGCCCGGTTTC

and GTATATAGTAAGCTTattaaggccatataatcttcgaGTTTCCGTAGTGTAGTGGTTATC

S**hort primers for sequencing**

GAGAGTATATGGATCCctctc

GGTATATAGTAAGCTTattaag.