

Supplementary material for Sankaranarayanan et al., “Protective association of A-T-T haplotype of DMT1 gene against risk of human age-related nuclear cataract”, *Ophthalmic Genetics*, 2019.

Supplementary Table 1: Details of primers used for the study

Type of experiment	SNPs/ Gene	Primer sequence (5'-3')	Ta (°C)	Amplicon size (bp)
PCR-RFLP	rs224589	F: GACACATGCAATATCTGACATTG	60	352
		R: AGGCTACTATCCAACATGCAG		
	rs1048230	F: CTTTGCCCGAGTGGTTCTGACTCGCTCGAT	60	229
		R: TTCCTCTCAATATCCCCC		
	rs2285230	F: AAATTTCTCAGCCTTTAAAAATCC	60	231
		R: TTGAAAAGCTGACATTTGCTG		
qPCR	DMT1-nonIRE	F: TCCCCATGATCTCCAGAAAC	58	115
		R: GGTTGCGGAGCTGGTAAG		
	DMT1-IRE	F: TGCACCATGAGGAAGAAGCA	58	134
		R: ACACTGTCATCTGACATCTTCTGT		
	GAPDH	F: TTGAGGTCAATGAAGGGGTC	58	117
		R: GAAGGTGAAGGTCGGAGTCA		