

Single Nucleotide Polymorphism of Calcitonin Receptor Gene in South Indians

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ABSTRACT Two alleles of the calcitonin receptor gene exist: a base mutation T->C in the third intracellular C-terminal domain changes a proline (CCG) to a leucine (CTG). The Codon 447 polymorphism of CTR gene was studied in 9 normal unrelated individuals from South India. The genomic DNA was isolated, CTR gene was amplified and the PCR products were subjected to restriction digestion. We have found that the C/T alleles show a 33.33% indicating that the individuals are protected against calcium related disorders.