

List of Tables

Sr No	Content	Page No.
Chapter 1: Review of Literature		
1.1	Overview of currently available noninsulin hypoglycemic agents	24
Chapter 2: To evaluate the association of <i>ADIPOQ</i> polymorphisms with T2D in Gujarat population and to study the possible genotype-phenotype correlation with plasma adiponectin levels and metabolic parameters		
2.1	Details of primers and restriction enzymes	52
2.2	Baseline characteristics of controls and patients from Gujarat population	55
2.3	Genotype and allele frequencies distribution of <i>ADIPOQ</i> SNPs in controls and T2D patients in Gujarat population	56
2.4	Haplotype frequencies in T2D patients and controls in Gujarat population	57
2.5	Haplotype frequencies in lean and obese T2D patients in Gujarat population	58
2.6	Genotype-phenotype association analyses of <i>ADIPOQ</i> SNPs with metabolic parameters in Gujarat population	60
Chapter 3: To investigate the therapeutic potential of small molecule enhancers for adiponectin (pitavastatin) and GLP-1 (L-glutamine) secretion in T2D mouse model		
3.1	Primers for the transcript analysis	76
3.2	Details of the antibodies used for IHC-IF	79
3.3	Details of the antibodies used for western blot	81