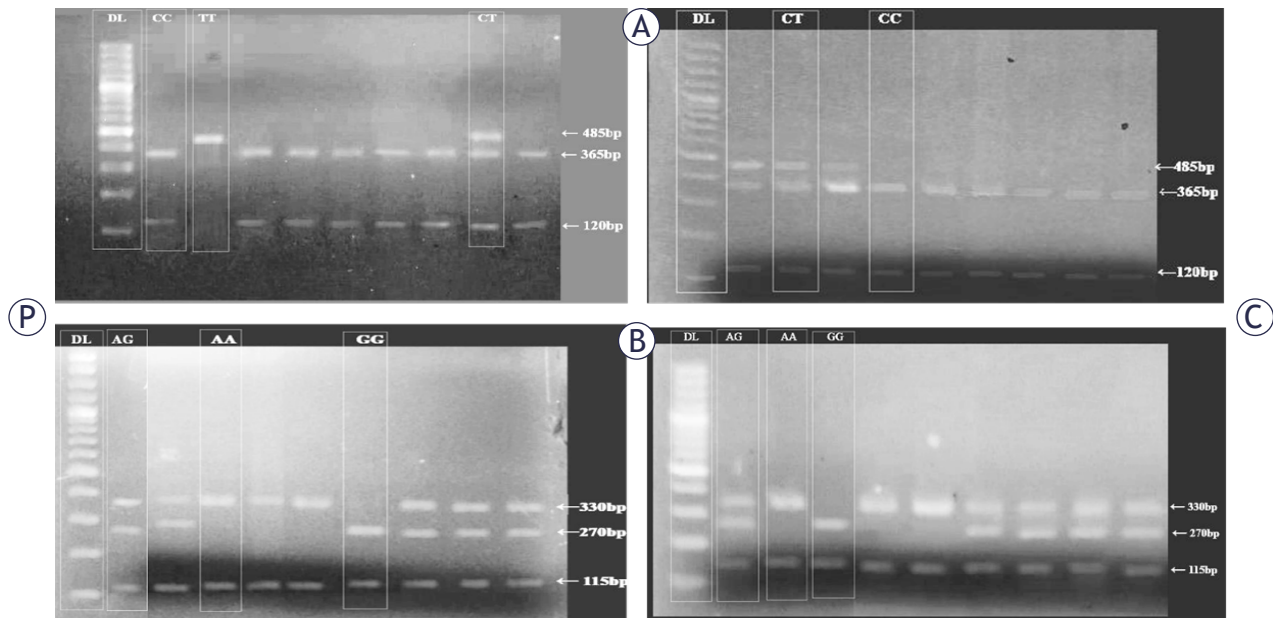


Investigation of *GSTP1* and *PTEN* gene polymorphisms and their association with susceptibility to colorectal cancer

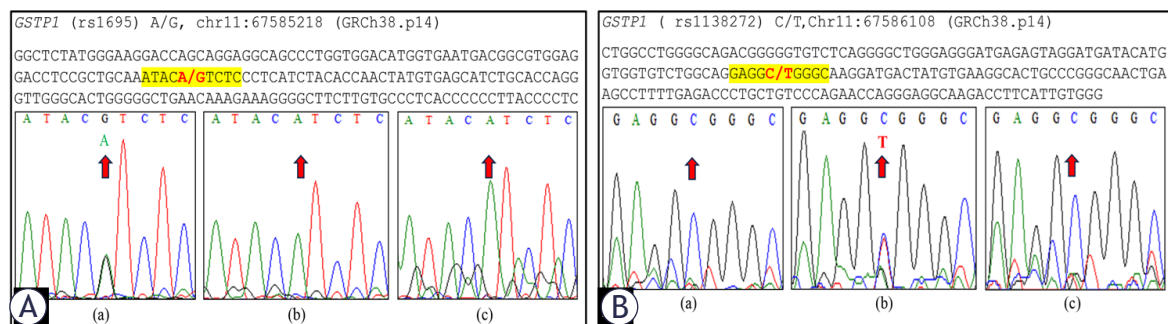
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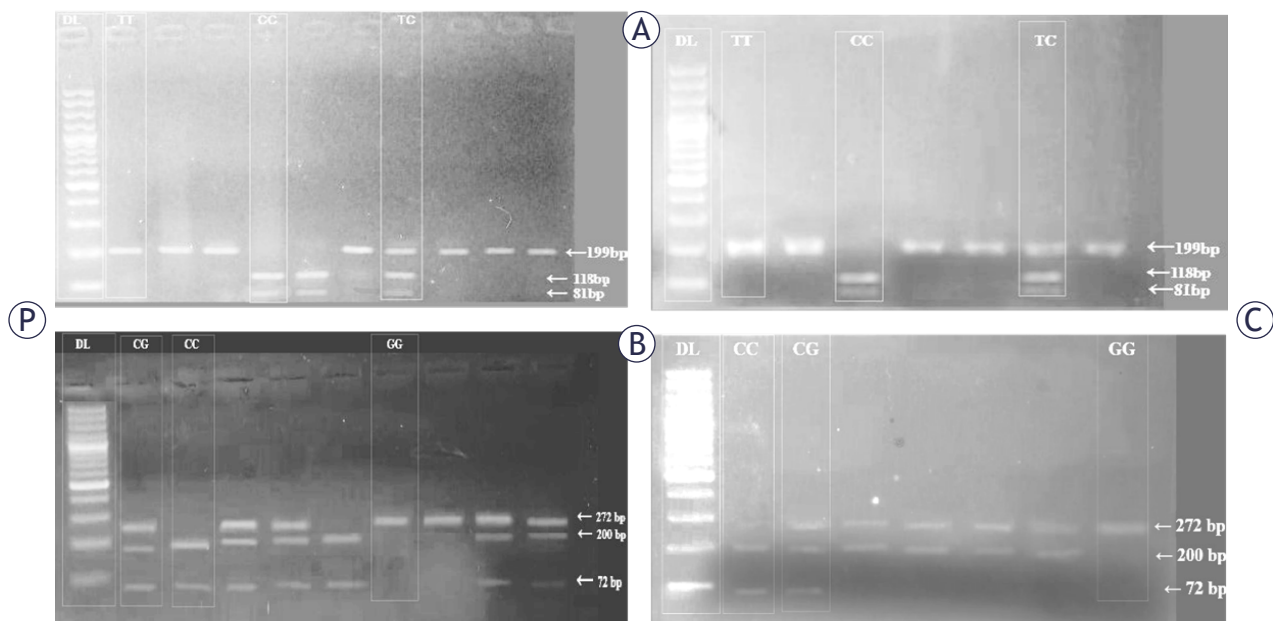


SUPPLEMENTARY FIGURE 1. Representative images of *GSTP1* genotyping. (A) The C/C genotype of rs1138272 was identified as 120 and 365 bp fragments, C/T as 120, 365 and 485 bp fragments and T/T genotype was identified as 485 bp (Aclil) fragment. (B) The homozygous A/A genotypes of rs1695 were identified as 115 and 330 bp fragments, A/G as 115,270 and 330 bp fragments while G/G as 115 and 270 bp fragments (Alw261).

DL = DNA ladder; C = Control; P = Patients

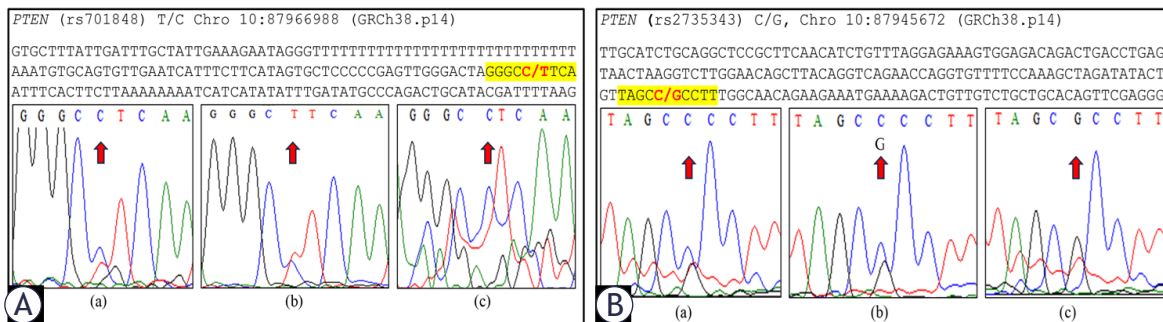


SUPPLEMENTARY FIGURE 2. Sanger sequencing chromatograms for (A) *GSTP1* rs1695 (a) GA genotype (b) AA genotype (c) GG genotype; (B) *GSTP1* rs1138272 (a) CC genotype (b) CT genotype (c) CC genotype



SUPPLEMENTARY FIGURE 3. Representative images of PTEN genotyping. (A) The T/T genotype of rs701848 was identified as 199 bp fragment, T/C as 81, 118 and 199 bp fragments and C/C genotypes were identified as 81 and 118 fragment (HaeIII). (B) The homozygous C/C genotypes of rs2735343 were identified as 72 and 200 bp fragments, C/G as 72, 200, and 272 bp fragments. While the G/G genotype was identified as a 272 bp fragment (HhaI).

DL = DNA ladder; C = Control; P = Patients



SUPPLEMENTARY FIGURE 4. Sanger sequencing chromatograms for (A) PTEN rs701848 (a) CT genotype, (b) TT genotype (c) CC genotype, and (B) PTEN rs2735343 (a) CC genotype, (b) CG genotype, and (c) GG genotype.