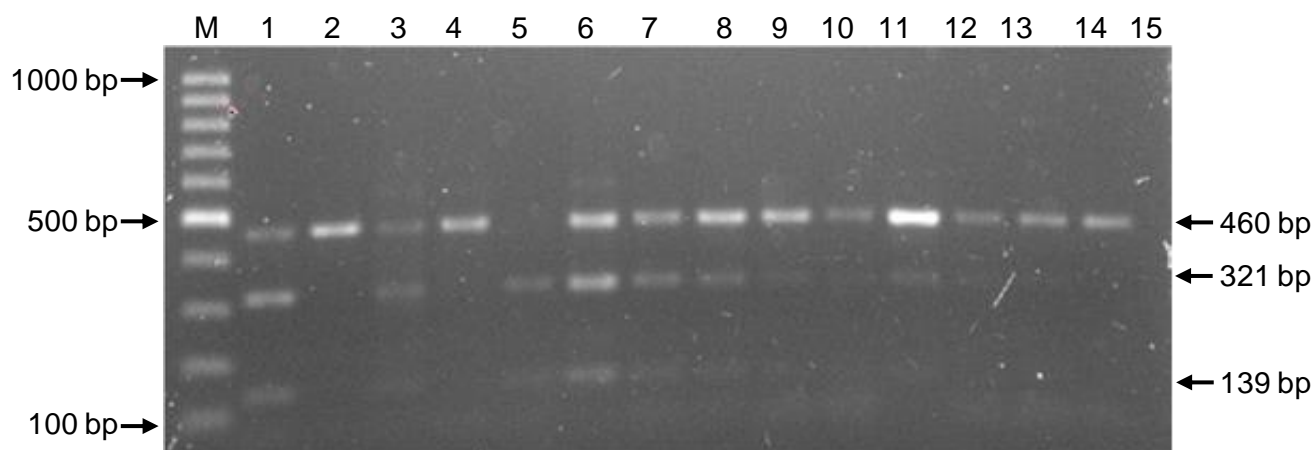


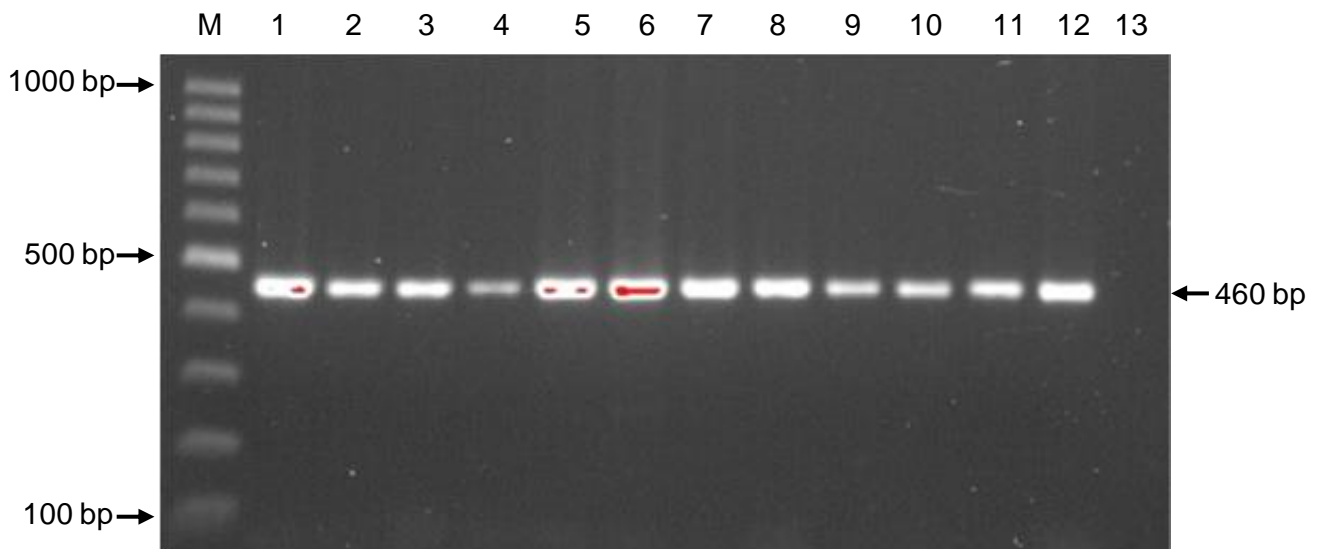
**Figure S1:** PCR product (460 bp) of *SLC6A3* gene (rs27072).

Lane M: 100 bp DNA ladder; Lane 1-14: 460 bp PCR product; Lane 15: Negative control.



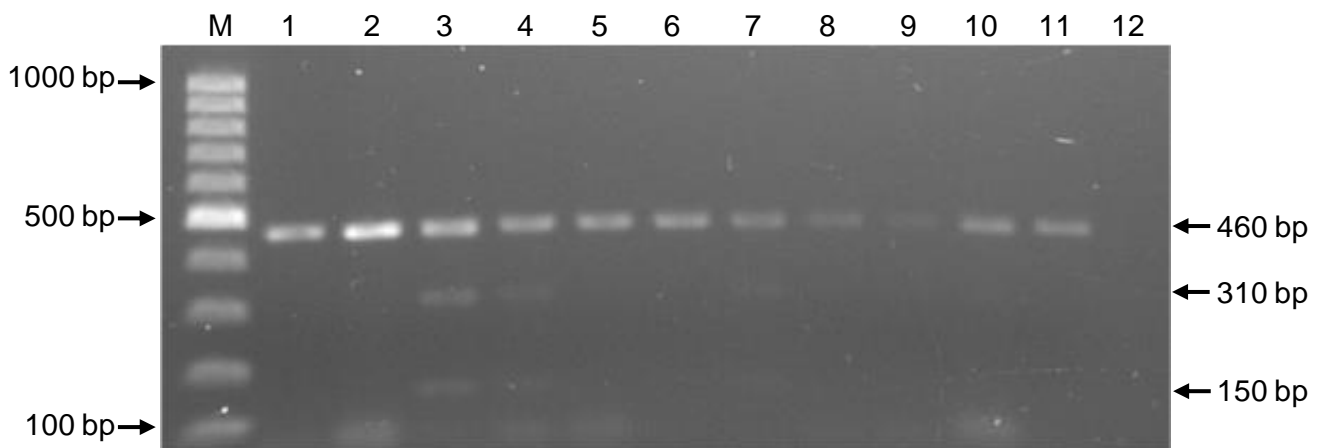
**Figure S2:** RFLP result of *SLC6A3* gene (rs27072).

Lane M: 100 bp DNA ladder; Lane 1, 3, 6-13: Heterozygous mutant (139 bp, 321 bp and 460 bp); Lane 2, 4, 14: Homozygous mutant (460 bp); Lane 5: Homozygous wild type (139 bp and 321 bp); Lane 15: Negative control.



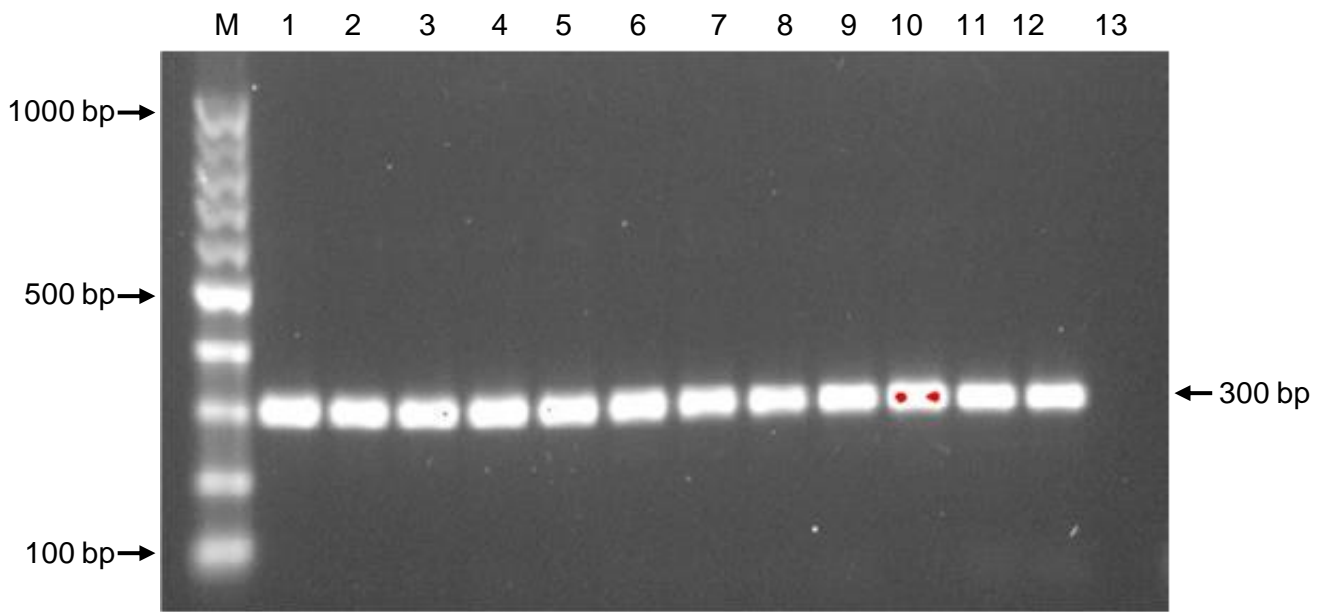
**Figure S3:** PCR product (460 bp) of *DRD1* gene (rs686).

Lane M: 100 bp DNA ladder; Lane 1-12: 460 bp PCR product; 13: Negative control.



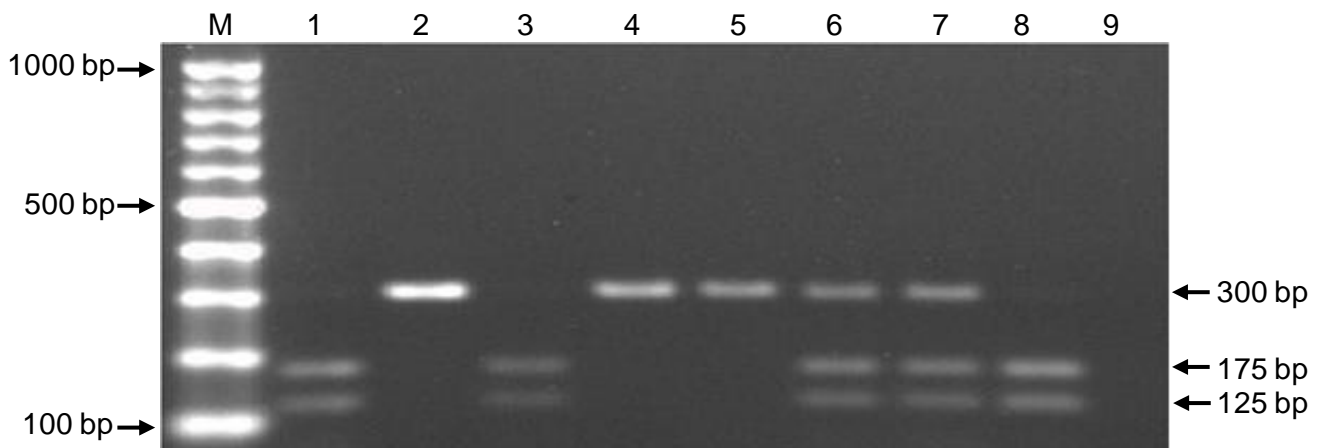
**Figure S4:** RFLP result of *DRD1* gene (rs686).

Lane M: 100 bp DNA ladder; Lane 1, 2, 5, 6, 8-11: Homozygous mutant (460 bp); Lane 3, 4, 7: Heterozygous mutant (150 bp, 310 bp and 460 bp); Lane 12: Negative control.



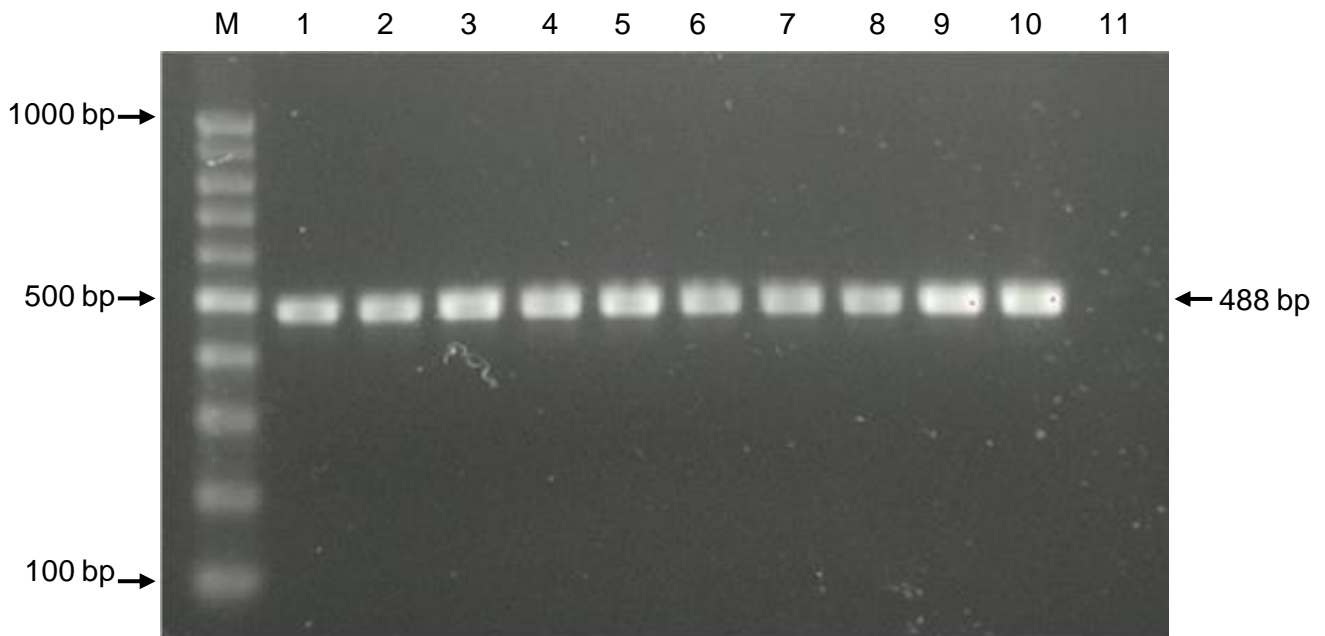
**Figure S5:** PCR product (300 bp) of *DRD2* gene (rs1800497).

Lane M: 100 bp DNA ladder; Lane 1-12: 300 bp PCR product; Lane 13: Negative control.



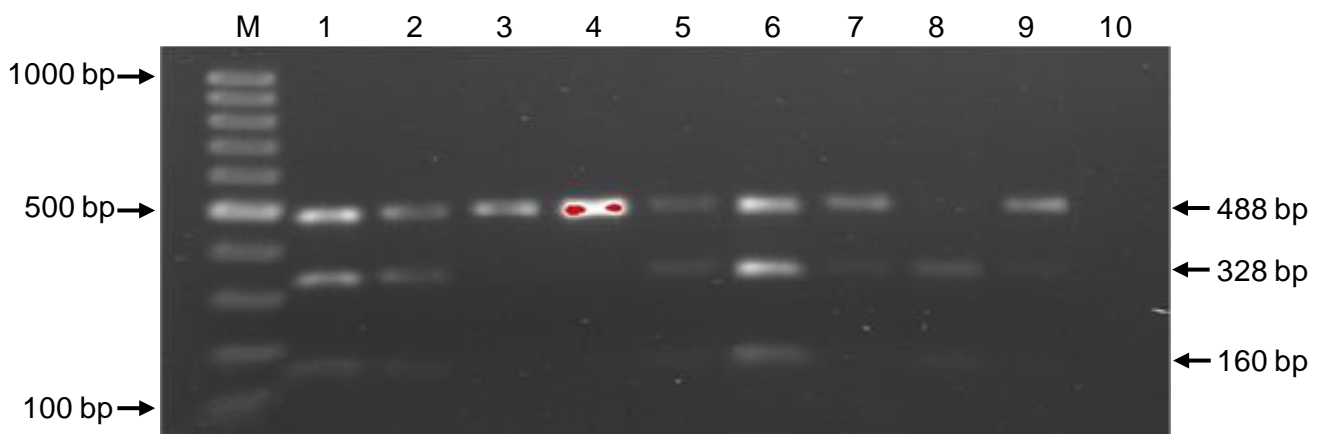
**Figure S6:** RFLP result of *DRD2* gene (rs1800497).

Lane M: 100 bp DNA ladder; Lane 1, 3, 8: Homozygous wild type (125 bp and 175 bp); Lane 2, 4, 5: Homozygous mutant (300 bp); Lane 6, 7: Heterozygous mutant (125 bp, 175 bp and 300 bp); Lane 9: Negative control.



**Figure S7:** PCR product (488 bp) of *DRD3* (rs7653787).

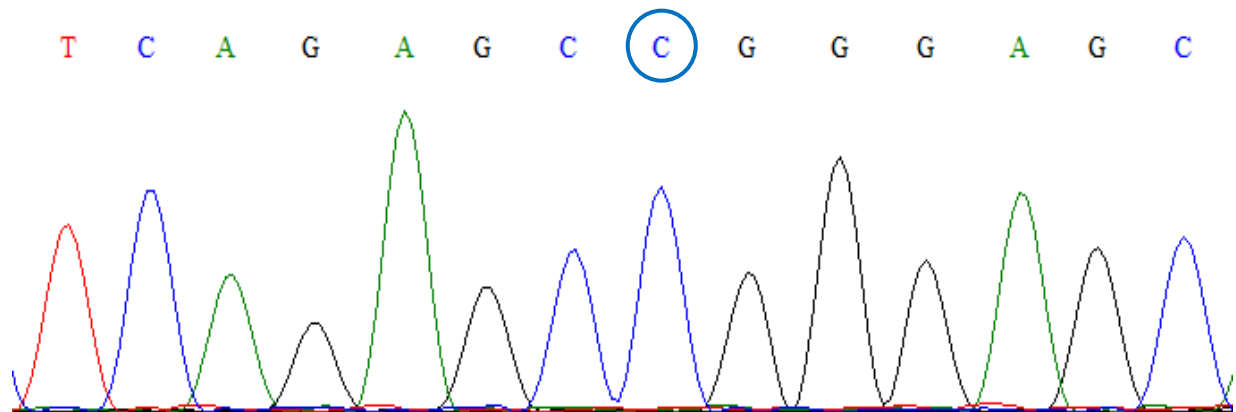
Lane M: 100 bp DNA ladder; 488 bp PCR product; Lane 11: Negative control.



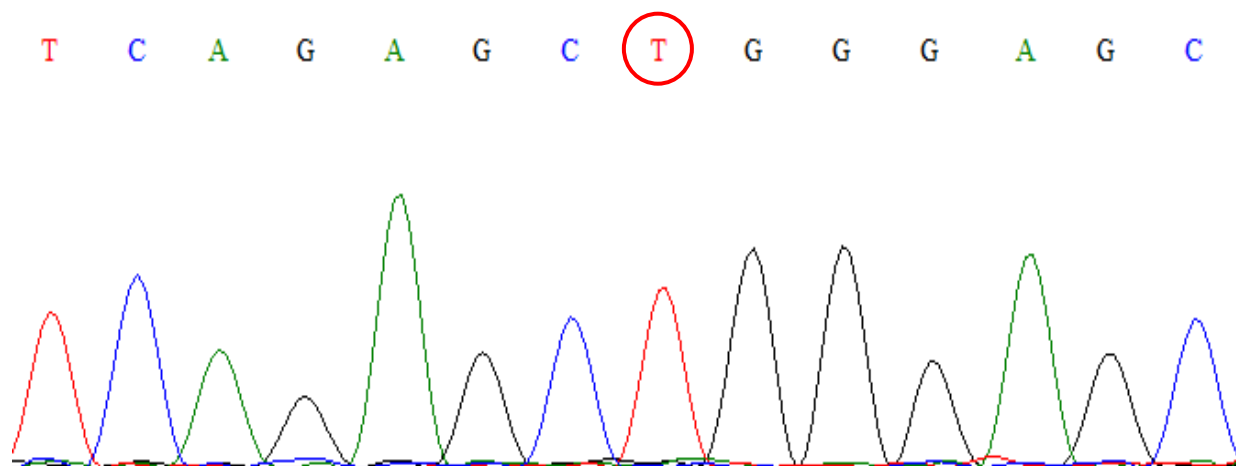
**Figure S8:** RFLP result of *DRD3* gene (rs7653787).

Lane M: 100 bp DNA ladder; Lane 1, 2, 5-7, 9: Heterozygous mutant (160 bp, 328 bp and 488 bp); Lane 3, 4: Homozygous mutant (488 bp); Lane 8: Homozygous wild type (160 bp and 328 bp); Lane 10: Negative control.

A)

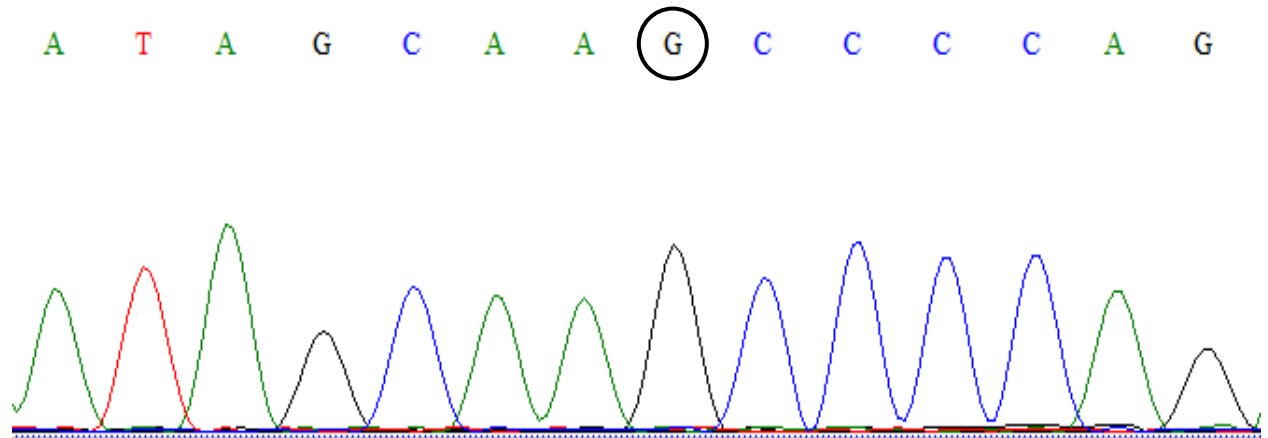


B)

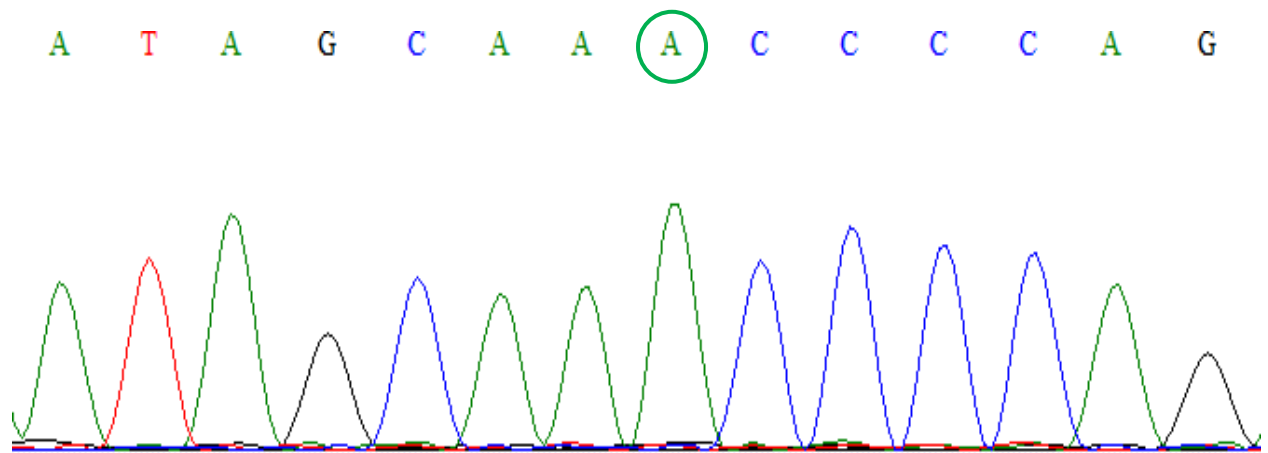


**Figure S9:** Sequencing analysis of *SLC6A3* gene (rs27072) (A) the chromatograms of *SLC6A3* gene (rs27072) homozygous wild type sequence and (B) *SLC6A3* gene (rs27072) heterozygous mutant sequence.

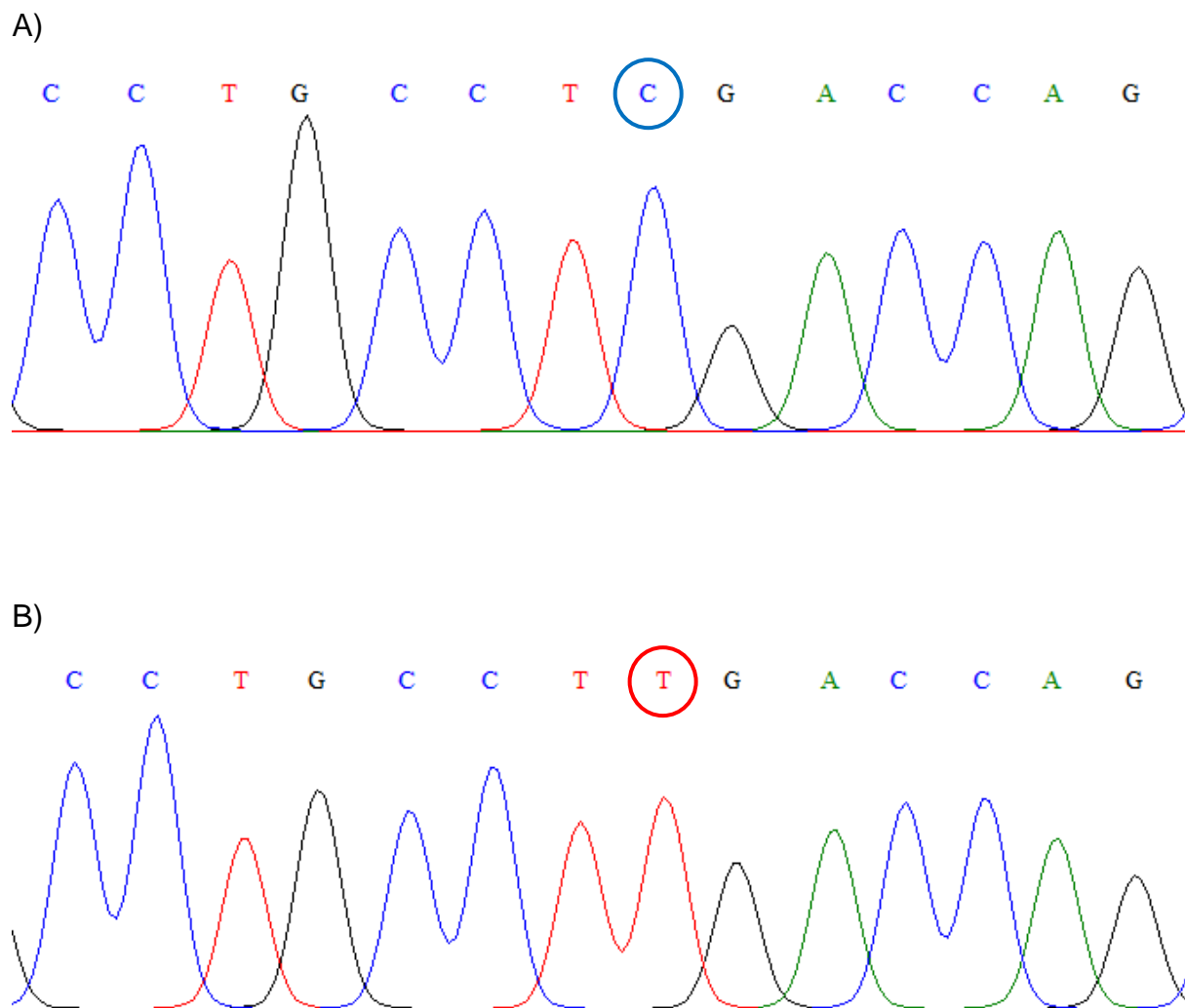
A)



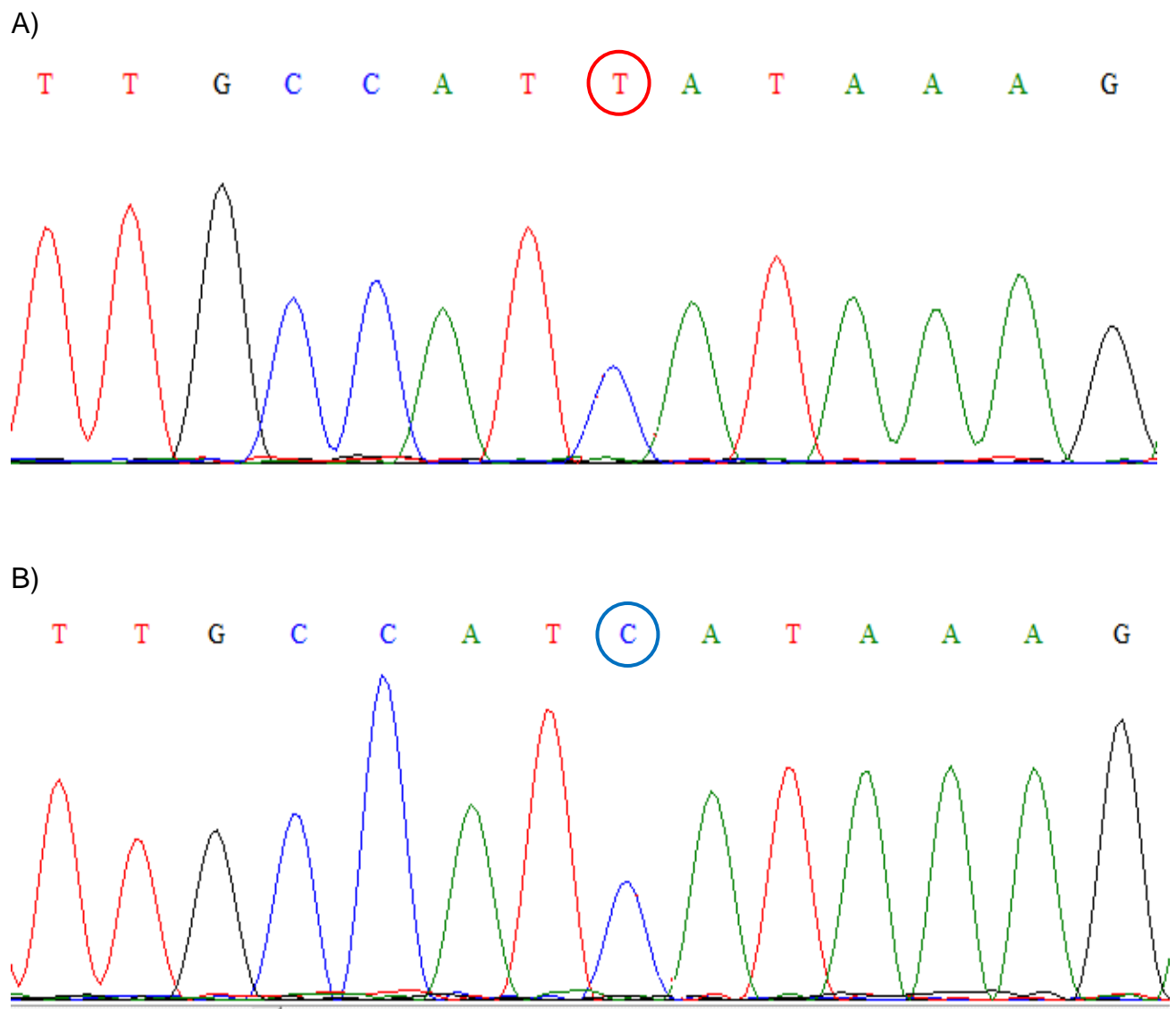
B)



**Figure S10:** Sequencing analysis of *DRD1* (rs686) (A) the chromatograms of *DRD1* gene (rs686) homozygous wild type sequence and (B) *DRD1* gene (rs686) heterozygous mutant sequence.



**Figure S11:** Sequencing analysis of *DRD2* (rs1800497) (A) the chromatograms of *DRD2* gene (rs1800497) homozygous wild type sequence and (B) *DRD2* gene (rs1800497) heterozygous mutant sequence.



**Figure S12:** Sequencing analysis of *DRD3* (rs7653787) (A) The chromatograms of *DRD3* gene (rs7653787) homozygous wild type sequence and (B) *DRD3* gene (rs7653787) heterozygous mutant sequence.