SUPPLEMENTARY APPENDIX

This appendix has been provided by the authors to give readers additional information about their work.

Supplement to:
Investigation of the relationship between MTHFR, IRS and CALCA gene polymorphisms and development of diabetic nephropathy in patients with type 2 diabetes mellitus

Arzu Ay, Nevra Alkanli, Tammam Sipahi, Tevfik Gulyasar, Sedat Ustundag, Sibel Guldiken, Necdet Sut

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Supplemental data

Figure S1 DNA samples of patient and control groups

Figure S2. MTHFR C677T gene polymorphism PCR products (198 bp, 100 bp marker).
Figure S3. MTHFR A1298C gene polymorphism PCR products (163 bp, 100 bp marker).

Figure S4. CALCA T692C gene polymorphism PCR products (636 bp, 100 bp marker)

Figure S5. IRS-1 Gly972Arg gene polymorphism PCR products (221 bp, 100 bp marker).
Figure S6. IRS-2 Gly1057Asp gene polymorphism PCR products (286 bp, 50 bp marker).

Figure S7. CC genotype in MTHFR C677T gene polymorphism (198 bp, Lanes 1, 4, 5, 6, 7 and 10), TT genotype (175 bp, 23 bp, Lane 2 numbered band) and CT genotype (198 bp, 175 bp, 23 bp, Lanes 3, 8, 9, and 11).

Note: 23 bp not observed; 100 bp marker.

Figure S8. AA genotype in MTHFR A1298C gene polymorphism (56 bp, 31 bp, 30 bp, 28 bp, 18 bp, Lane 12), CC genotype (84 bp, 31 bp, 30 bp, Lanes 1, 2, 4, 5, 6, 8,) and AC genotype (84 bp, 56 bp, 31 bp, 30 bp, 28 bp, 18 bp, Lanes 3, 7, 10, 11, 13, 14 numbered bands).

Note: 30 bp, 28 bp and 18 bp not observed; 50 bp marker.
Figure S9. TT genotype in CALCA T692C gene polymorphism (636 bp, Lanes 1, 3, 4, 5, 6, 8), CT genotype (636 bp, 401 bp, 235 bp and Lane 2) and CC genotype (401 bp, 235 bp, Lane 7).
Note: 100 bp marker.

Figure S10. GG genotype in IRS-1 Gly972Arg gene polymorphism (221 bp, Lanes 1, 3, 4, 6 and 9), AA genotype (190 bp, 31 bp, Lane 8) and GA genotype (221 bp, 190 bp, 31 bp, Lanes 2, 5, 7, 10 and 11).
Note: 31 bp not observed; 100 bp marker.

Figure S11. GG genotype in IRS-2 Gly1057Asp gene polymorphism (181 bp and 105 bp; Lane 7), DD genotype (286 bp; Lanes 1, 2, 3, 4, 5, 6, 12, 13, 14 and 15) and GD genotype (286 bp, 181 bp, 105 bp; Lanes 8, 9, 10 and 11).
Note: 50 bp marker.