Supplementary Table 1. VDR (FokI, TaqI, BsmI, ApaI), Gc (rs7041 and rs4588) variants encoding the 3 major haplotypes (Gc1F, Gc1S, and Gc2) of VDBP and CYP27B1-1260 (rs10877012) genotype and allele frequencies in patients and controls

SNP genotypes	Patients group (n=60) (%)	Control group (n=60) (%)	OR (95% CI)	*P* value
VDR *FokI* genotype (F/f)				
FF	65	45	2.269 (1.088–4.733)	**0.028**
Ff	28.3	40	0.593 (0.276–1.271)	0.179
ff	6.7	15	0.404 (0.117–1.395)	0.152
VDR *FokI* alleles				
FokI F	79.2	65	2.046 (1.147–3.649)	**0.015**
FokI f	20.8	35	0.488 (0.274–0.871)	**0.015**
VDR *TaqI* genotype (T/t)				
TT	25	56.7	0.297 (0.138–0.639)	**0.001**
Tt	41.7	31.7	2.069 (0.970–4.414)	0.059
tt	33.3	11.6	1.700 (0.699–4.132)	0.241
VDR *TaqI* allele				
TaqI T	45.8	72.5	0.431 (0.254–0.730)	**0.001**
TaqI t	54.2	27.5	2.319 (1.368–3.930)	**0.001**
VDR *BsmI* genotype (B/b)				
BB	21.7	26.7	0.760 (0.328–1.760)	0.522
Bb	45	38.3	1.316 (0.635–2.725)	0.459
bb	33.3	35	0.928 (0.436–1.975)	0.847
VDR *BsmI* alleles				
BsmI B	44.2	45.8	0.934 (0.562–1.554)	0.795
BsmI b	55.8	54.2	1.069 (0.643–1.779)	0.795
VDR *ApaI* genotype (A/a)				
AA	40	46.7	0.761 (0.369–1.571)	0.461
Aa	48.3	35	1.737 (0.834–3.617)	0.139
aa	11.7	18.3	0.588 (0.211–1.638)	0.310
VDR *ApaI* alleles				
ApaI A	64.2	64.2	1..000 (0.590–1.695)	1.000
ApaI a	35.8	35.8	1.000 (0.590–1.695)	1.000
Gc (*rs7041*) genotype (T/G)				
TT	5	18.3	0.234 (0.061–0.888)	**0.032**
TG	43.4	36.7	1.320 (0.635–2.747)	0.456
GG	51.6	45	1.306 (0.637–2.678)	0.465
Gc (*rs7041*) alleles				
T	26.7	36.7	0.628 (0.362–1.087)	0.096
G	73.3	63.3	1.592 (0.919–2.757)	0.096
Gc (*rs4588*) genotype (C/A)				
CC	41.7	55	0.584 (0.283–1.203)	0.145
CA	51.7	40	1.603 (0.777–3.305)	0.200
AA	6.6	5	1.357 (0.290–6.341)	0.697
Gc (*rs4588*) alleles				
C	67.5	75	0.692 (0.394–1.215)	0.200
A	32.5	25	1..444 (0.822–2.535)	0.200
Gc (*rs7041, rs4588*) haplotypes				
Gc1F	10.8	23.3	0.399 (0.195–0.815)	**0.011**
Gc1S	47.5	45.9	1.069 (0.643–1.775)	0.795
Gc2	41.7	30.8	1.602 (0.942–2.724)	0.081
CYP27B1-1260 (*rs10877012*) genotype (A/C)				
AA	6.6	15	0.492 (0.142–1.708)	0.264
AC	30	36.7	0.74 (0.345–1.586)	0.439
CC	63.4	48.3	1.846 (0.890–3.829)	0.099
CYP27B1-1260 (*rs10877012*) alleles				
A	21.7	33.3	0.553 (0.310–0.984)	**0.044**
C	78.3	66.7	1.807 (1.015–3.218)	**0.044**

VDR, vitamin D receptor; OR, odds ratio; CI, confidence interval; SNP, Single nucleotide polymorphism.
Boldface indicates a statistically significant difference with $P<0.05$.