

Table 1 Characteristic features of the 4 studied polymorphisms in the vitamin D receptor (VDR) gene

Polymorphism	Location in VDR gene	Restriction site	Digested alleles	Primer sequence	Annealing temperature (°C)	Digestion protocol	Amplicon length (bp)	Restricted fragments (bp)
<i>BsmI</i>	Intron-8	GAATGC(1/-)↓	B, b	Forward: 5'-CAA CCA AGA CTA CAA GTA CCG CGT CAG TGA-3' Reverse: 5'-AAC CAG CGG GAA GAG GTC AAG GG-3'	63	37 °C overnight	825	650, 175
<i>FokI</i>	Exon-2	GGATG(9/13)↓	<i>F, f</i>	Forward: 5'-AGC TGG CCC TGG CAC TGA CTC TGC TCT-3' Reverse: 5'-ATG GAA ACA CCT TGC TTC TTC TCC CTC-3'	68	37 °C overnight	265	196, 69
<i>ApaI</i>	Intron-8	GGGCC↓C	<i>A, a</i>	Forward: 5'-CAG AGC ATG GAC AGG GAG CAA-3' Reverse: 5'-GCA ACT CCT CAT GGC TGA GGT CTC-3'	62	37 °C overnight	740	530, 210
<i>TaqI</i>	Exon-9	T↓CGA	<i>T, t</i>	Forward: 5'-CAG AGC ATG GAC AGG GAG CAA-3' Reverse: 5'-GCA ACT CCT CAT GGC TGA GGT CTC-3'	62	55 °C 4 h	740	PS+: 290, 245, 205 PS-: 495, 245

PS+ = restriction pattern when the polymorphic site is present; PS- = restriction pattern without polymorphic site.