

Table S6. Linkage disequilibrium of SNPs.

Chr	BP	SNP	Gen	Chr	BP	SNP	Gen	R <sup>2</sup>	D'
12	47846052	rs1544410	VDR	12	47845054	rs7975232	VDR	0.373517	0.782038
12	47846052	rs1544410	VDR	12	47844974	rs731236	VDR	0.732418	0.907370
12	47845054	rs7975232	VDR	12	47844974	rs731236	VDR	0.391021	0.916933
12	57768115	rs3782130	CYP27B1	12	57764205	rs4646536	CYP27B1	0.949729	0.979861
12	57768115	rs3782130	CYP27B1	12	57768956	rs703842	CYP27B1	0.949729	0.979861
12	57768115	rs3782130	CYP27B1	12	57768302	rs10877012	CYP27B1	0.965225	0.980033
12	57764205	rs4646536	CYP27B1	12	57768956	rs703842	CYP27B1	0.966623	0.980215
12	57764205	rs4646536	CYP27B1	12	57768302	rs10877012	CYP27B1	0.916071	0.959577
12	57768956	rs703842	CYP27B1	12	57768302	rs10877012	CYP27B1	0.916071	0.959577

Chr, Chromosome. BP, Physical position (base-pair).