

Supplementary Table 1

Primers, Restriction Endonucleases and Fragment Lengths for
LEPR, *SLC2A1* and *HK1* SNPs

Gene	SNP	Primers (5'-3')	Annealing Temperature	Restriction endonuclease	Restriction fragments
<i>LEPR</i>	rs1137100	F: GCTGGACTCTCAAAGAATAC R: T <u>T</u> ACTGTTGAAACAAATGGC	56°C	HaeIII	Allele A: 196 bp Allele G: 177 + 19 bp
	rs1137101	F: CAAACTCAACGACACTCTCC R: CCACTCTTAATACCCCCAGT	56°C	BstEII	Allele A: 244 bp Allele G: 184 + 60 bp
<i>SLC2A1</i>	rs710218 [#]	F: GCTGAGAAATGGCCTTCCCTCAAT R: GTCTGCCTTACTCAGCCCATGGGTC	68°C	HpyCH4V	Allele T: 339 bp Allele A: 207+130 bp
	rs2229682	F: TGTGGCCTTGTCATTTGTCCT R: TTCTCCTCGTTGCGGTTGAT	58°C	BcnI	Allele A: 376 bp Allele G: 297+79 bp
<i>HK1</i>	rs748235	F: ATAAGGTATTC ^u CCGGCGTTTC R: ATTGTTGTGCGTCTGCTTCCT	58°C	Eco130I	Allele A: 157+101 bp Allele G: 101+79+78 bp
	rs16926246	F: GTGACAGCCTTGTTCCTTTTC R: CTAAGCTCCTCCATCCAAATC	58°C	BbvI	Allele C: 260 bp Allele T: 137+123 bp

[#]PCR-RFLP described by Hodgkinson et al. (2005).

*Underlined nucleotide generates the site recognized by HaeII restriction endonuclease in the presence of G allele of rs1137100.