

**Supplementary Table S1.** Primer sequences and PCR-RFLP genotyping conditions for *ADIPOQ* SNPs.

SNP	Primer Sequence	Ta	Restriction Enzyme	Fragment Length (bp)
rs822387	F: 5'-ACTGTGCCTGGCCTAGTGTT-3' R: 5'-TGCCACAGTAGGAAGTGAA-3'	54°C	XbaI	T: 294 + 286 C: 582
rs860291	F: 5'-CCACCTTGTGCAATAGCTACGGC-3' R: 5'-GGGCAACAGAGCGAGAATCCAT-3'	60°C	BsuRI	C: 81 + 22 T: 103
rs17300539	F: 5'-ACTTGCCCTGCCTCTGTCTG-3' R: 5'-GCAAGTTAAAAAGGCCCTGA-3'	58°C	MspI	G: 396 + 121 A: 517
rs266729	F: 5'-ACTTGCCCTGCCTCTGTCTG-3' R: 5'-GCAAGTTAAAAAGGCCCTGA-3'	58°C	HhaI	C: 517 G: 380 + 137
rs182052	F: 5'-TCTCCCGTCCGTAGTAGTGT-3' R: 5'-TAGGTATCCTGCTACAGAGCCA-3'	58°C	BglI	G: 177 + 22 A: 199
rs822393	F: 5'-TTCCAAATCGGTGAGCTTTC-3' R: 5'-AGGGCTTTGGGAAGATTAGG-3'	52°C	Hinfi	C: 137 + 65 T: 202
rs822395	F: 5'-TGATCGCACCTATTAGTGGAGGAAT-3' R: 5'-TCCAGAAATATGTGAAAGCCCCAGAG-3'	58°C	Hinfi	A: 208 C: 186 + 22
rs822396	F: 5'-CAGGCTGATCGCACCTATTA-3' R: 5'-CATCCTTTTCTGCTGGGAAA-3'	58°C	TruII	A: 147 + 99 G: 246
rs7627128	F: 5'-GAGTTGGATGTGCCACGTGAAGAGGGTAGTATAGTA-3' R: 5'-TGAGGGATGGAAGAAAGACCGTGAT-3'	62°C	RsaI	C: 94 + 35 A: 129
rs2036373	F: 5'-GAGAGACACATCATCCCGTG-3' R: 5'-GGGTCCTGAAAGCTGAATAGAG-3'	57°C	Alw44I	T: 106 G: 84 + 22
rs17366568	F: 5'-CCAGGAGAGGGGTAGAGGAAG-3' R: 5'-TAATTTTCCCATGTCTGAGCA-3'	58°C	TruII	G: 237 A: 124 + 113
rs17846866	F: 5'-GCTAAGTATTACAGATTTAGGGCAG-3' R: 5'-CAGCCATGGAGAGACAGACCC-3'	60°C	Hinfi	T: 107 + 55 + 19 G: 126 + 55
rs2241766	F: 5'-CTGAGATGGACGGAGTCCTTT-3' R: 5'-CCAAATCACTTCAGGTTGCTT-3'	60°C	SmaI	T: 456 G: 316 + 140
rs1501299	F: 5'-CTGAGATGGACGGAGTCCTTT-3' R: 5'-CCAAATCACTTCAGGTTGCTT-3'	60°C	Mva1269I	G: 374 + 82 T: 456
rs2241767	F: 5'-GGTGAGAAGGGTGAGAAAGGAG-3' R: 5'-TACTGGGAATAGGGATGAGGG-3'	60°C	Eco81I	A: 292 G: 159 + 133
rs3821799	F: 5'-CCTTTCCCATCTTCACCCTCA-3' R: 5'-TCATTCTTCATCAGGTCCACG-3'	60°C	Eco91I	C: 191 + 107 T: 298
rs3774261	F: 5'-TGGCATTCAACCACATTAC-3' R: 5'-AAGCCTTCATTCTTCATCAG-3'	52°C	RsaI	G: 184 + 33 A: 217
rs1063539	F: 5'-TGGCTATGCTCACAGTCTCAC-3' R: 5'-ACTTCAAAGCATCACAGGACC-3'	60°C	Hinfi	G: 119 + 79 C: 198

The underlined bases indicate artificial substitutions that were introduced to create restriction site for endonuclease. bp: base pair; F: forward; PCR: polymerase chain reaction; R: reverse; RFLP: restriction fragment length polymorphism; SNP: single nucleotide polymorphism; Ta: annealing temperature.