

Supplemental Table S3. Sequence of the primers used and their annealing temperatures.

Array information			Primers for the validation			
CpGs location	p-value	Gene annotation	Primer	Sequence	Amplicon length	Annealing temperature
chr12:909812	9.90 x10 ⁻⁵	<i>FASN</i>	Fw	GAGTTTGTGGAGGAAAAGTTTTT	505	51°C
chr12:909822	1.55 x10 ⁻⁴		Rv	BIOT-CTCCTCTAAAAACAACAAAATCCC		
chr12:909834	4.64 x10 ⁻⁷		Seq	GAGGTTTTGTGTTGGGAA		
chr12:909841	1.08 x10 ⁻⁴					
chr12:909977	3.06 x10 ⁻¹²					
chr12:909979	5.43 x10 ⁻¹³					
chr12:909982	3.73 x10 ⁻¹¹					
chr12:909994	1.60 x10 ⁻¹¹					
chr12:910001	7.24 x10 ⁻¹¹					
chr12:910003	8.87 x10 ⁻¹²					
chr12:910010	1.78 x10 ⁻¹²					
chr12:62731379	2.54 x10 ⁻⁵	<i>SLC5A10</i>	Fw	AGGGAGTTAGGTTTTTAGAAAGGTT	402	57°C
chr12:62731390	2.21 x10 ⁻⁸		Rv	BIOT-AAAAATCCCTCACTCACTCATAATT		
chr12:62731408	2.15 x10 ⁻¹²		Seq	TTATTGATAATTTATTA		
chr12:62731521	1.20 x10 ⁻⁶		Seq	GTTTTTAATAAAGTTGAA		
chr1:307679069	8.92 x10 ⁻⁵	<i>COL5A1</i>	Fw	GGTTTTGGGTTAGTAGGATAGAGTAGA	206	56°C
chr1:307679087	1.38 x10 ⁻⁶		Rv	BIOT-AAACCCCAACCCCTACCCATC		
			Seq	GGGGATTAGGGTTTTG		
chr6:58302486	1.33 x10 ⁻³	<i>PRKCZ</i>	Fw	TGAGGATTTTTAGTATTTGGTGTG	267	56°C
chr6:58302508	4.95 x10 ⁻⁴		Rv	BIOT-CTAAAAACCAACTCCAACAC		
			Seq	GGGTTTTTGAGATTA		