

**Supplementary Table S1:** Pyrosequencing primers and PCR conditions

Gene		Primers	Annealing temperature (°C)	Fragment size (bp)
<i><b>SLC2A8</b></i>	Fw	GGGTTAGTTTGGAGTTTGTGTAGAG	56	115
	Rv	<b>BIOT</b> -CCCAACTACAACAAATAATCTCCAC		
	Seq	TTGTTTAGGTAGGATTGT		
<i><b>HADHA</b></i>	Fw	GTAAGGTAGTTTGTGTTTTGGAGTTTAG	56	224
	Rv	<b>BIOT</b> -AAATTTATATTAACATAATCCAACCTCTCT		
	Seq	AAAATTTTATAAGATTATAGTTAG		

Primers were designed by the PyroMark Assay Design 2.0 software