

ESM Table 4. Degree of DNA methylation for each genotype of CpG-SNPs in LD ($r^2>0.8$) with the following T2D associated CpG-SNPs rs7754840 (*CDKALI*), rs1801214 (*WFSI*) and rs5015480 (*HHEX*), respectively, and some surrounding CpG sites, in human pancreatic islets.

SNP ID	Gene symbol	Genotype	n	CpG 1		CpG 2		CpG 3	
				Mean \pm SD	<i>P</i> -value	Mean \pm SD	<i>P</i> -value	Mean \pm SD	<i>P</i> -value
rs4712523	<i>CDKALI</i>	AA	26	6.2 \pm 2.5	1.7 x 10⁻¹¹				
		AG	30	51.7 \pm 2.4					
		GG	6	97.2 \pm 1.8					
rs3821943	<i>WFSI</i>	TT	16	0.7 \pm 1.1	4.2 x 10⁻¹⁰	56.4 \pm 13.5	0.83		
		CT	26	28.5 \pm 5.1		56.3 \pm 9.2			
		CC	10	56.5 \pm 9.5		59.2 \pm 8.5			
rs12778642	<i>HHEX</i>	TT	8	2.36 \pm 1.6	3.6 x 10⁻¹¹	95.7 \pm 3.3	0.00012	80.3 \pm 1.2	1.6 x 10⁻⁵
		GT	39	36.2 \pm 1.6		97.8 \pm 2.4		82.4 \pm 1.6	
		GG	14	85.0 \pm 3.8		99.7 \pm 1.2		84.2 \pm 1.5	

CpG-SNP data is in bold. Data are presented as mean \pm SD.