

**Electronic supplementary material**

**ESM Table 6** Interaction of the 12 type 2 diabetes loci with age at diagnosis in up to 8,225 cases

Gene region	SNP	Allele frequencies for each quartile divided by age at				<i>p</i> value
		diagnosis				
		0–4 years	5–7 years	8–10 years	11–16 years	
<i>TCF7L2</i>	rs12255372 (G>T)	2,040 (0.26)	1,731 (0.22)	1,817 (0.23)	2,175 (0.28)	0.200
	rs7903146 (C>T)	1,612 (0.27)	1,320 (0.22)	1,357 (0.23)	1,593 (0.27)	0.042
<i>CDKN2A– CDKN2B</i>	rs10811661 (T>C)	2,017(0.26)	1,671 (0.22)	1,788 (0.23)	2,157 (0.28)	0.008 <sup>a</sup>
<i>FTO</i>	rs9939609 (T>A)	2,010 (0.26)	1,687 (0.22)	1,792 (0.23)	2,165 (0.28)	0.936
<i>KCNJ11</i>	rs5219 (C>T)	2,081 (0.26)	1,753 (0.22)	1,851 (0.23)	2,360 (0.29)	0.901
<i>HHEX–IDE</i>	rs1111875 (G>A)	2,052 (0.26)	1,708 (0.21)	1,845 (0.23)	2,362 (0.30)	0.512
<i>IGF2BP2</i>	rs4402960 (G>T)	1,988 (0.26)	1,660 (0.22)	1,757 (0.23)	2,148 (0.28)	0.860
<i>CDKAL1</i>	rs7756992 (A>G)	2,027 (0.26)	1,698 (0.22)	1,800 (0.23)	2,188 (0.28)	0.854
<i>SLC30A8</i>	rs13266634 (C>T)	2,022 (0.26)	1,690 (0.22)	1,789 (0.23)	2,178 (0.28)	0.507
<i>WFS1</i>	rs10010131 (G>A)	1,987 (0.26)	1,674 (0.22)	1,789 (0.23)	2,294 (0.30)	0.724
<i>HNF1B</i>	rs7501939 (C>T)	2,031 (0.26)	1,697 (0.22)	1,795 (0.23)	2,188 (0.28)	0.122
<i>PPARG</i>	rs1801282(C>G)	2,121 (0.26)	1,780 (0.22)	1,896 (0.23)	2,418 (0.29)	0.140
<i>THADA</i>	rs7578597 (T>C)	1,988 (0.26)	1,655 (0.22)	1,764 (0.23)	2,193 (0.29)	0.903
	rs17031005(A>G)	1,892 (0.26)	1,594 (0.22)	1,679 (0.23)	2,090 (0.29)	0.934

<sup>a</sup>This did not reach our significance threshold of 0.003