

## Electronic supplementary material

**ESM Table 1** Summary of published type 2 diabetes association studies

Gene region	Chromosome no.	SNP	Cases	Controls	OR <sup>a</sup>	<i>p</i> value	Ref. <sup>b</sup>
<i>TCF7L2</i>	10	rs7903146 (C>T)	14,586	17,968	1.37	1.0×10 <sup>-48</sup>	[8, 15]
	10	rs12255372 (G>T)	1,774	2,000	1.52	2.5×10 <sup>-16</sup>	[9]
<i>CDKN2A–CDKN2B</i>	9	rs10811661 (T>C)	14,586	17,968	0.83	7.8×10 <sup>-15</sup>	[4, 8, 15]
<i>FTO</i>	16	rs8050136 (C>A)	14,586	17,968	1.17	1.3×10 <sup>-12</sup>	[8, 4]
<i>KCNJ11</i>	11	rs5219 (C>T)	14,586	17,968	1.14	6.7×10 <sup>-11</sup>	[8, 15]
<i>HHEX–IDE</i>	10	rs1111875 (G>A)	14,586	17,968	0.88	5.7×10 <sup>-10</sup>	[4, 8, 15]
<i>IGF2BP2</i>	3	rs4402960 (G>T)	14,586	17,968	1.14	8.9×10 <sup>-16</sup>	[4, 8, 15]
<i>CDKAL1</i>	6	rs7756992 (A>G)	3,836	12,562	1.20	7.7×10 <sup>-9</sup>	[11]
<i>SLC30A8</i>	8	rs13266634 (C>T)	14,586	17,968	0.89	5.3×10 <sup>-8</sup>	[4, 8, 15]
<i>WFS1</i>	4	rs10010131 (G>A)	9,533	11,389	0.90	1.4×10 <sup>-7</sup>	[12]
<i>HNF1B</i>	17	rs7501939 (C>T)	9,936	23,087	1.10	9.2×10 <sup>-7</sup>	[13]
<i>PPARG</i>	3	rs1801282 (C>G)	14,586	17,968	0.88	1.7×10 <sup>-6</sup>	[4, 8, 15]

<sup>a</sup>ORs are for the minor allele using the common allele as the reference allele

<sup>b</sup>The publication that reported these ORs and *p* values for association with type 2 diabetes