

**Table S1: Significance of T2D association and replication of the 12 cross-ethnic SNPs**

SNP	Min(P value)	Number of populations with $p < 5 \times 10^{-8}$
rs7903146	$5.4 \times 10^{-140}$	13
rs10811661	$7.8 \times 10^{-15}$	6
rs13266634	$1.8 \times 10^{-14}$	3
rs4402960	$8.6 \times 10^{-16}$	3
rs7754840	$4.1 \times 10^{-11}$	5
rs5219	$6.7 \times 10^{-11}$	3
rs1111875	$9.1 \times 10^{-15}$	4
rs11196205	$4.6 \times 10^{-8}$	1
rs8050136	$1.7 \times 10^{-17}$	2
rs2237892	$1.7 \times 10^{-42}$	4
rs7756992	$1.9 \times 10^{-12}$	3
rs2074196	$8.6 \times 10^{-34}$	4