SUPPLEMENTARY DATA

Supplementary Table 1. PCR oligonucleotide primer sequences

PCR primer	Sequence (5' – 3')
RT-PCR primer	
TCF7L2 total forward	TGTCTCTAACAAAGTGCCAGTG
TCF7L2 total reverse	GGTAAGTGTGGAGGTGGGTTT
RPLP0 forward	GGCGACCTGGAAGTCCAACT
RPLP0 reverse	CCATCAGCACCACAGCCTTC
Fragment analysis PCR primer	
Exon 3 forward	ATCCCCGACCTGACGAGCCC
Exon 5 reverse	GAGGTGGGTTTCCCGGCGTG
Exon 11 forward	CAGCCGGGAGAGACCAATG
Exon 14 reverse	TGGGTCTGCTCAGTCTGTGACT

Supplementary Table 2. Spearman's rank correlation coefficients between splice variants in subcutaneous fat and fasting metabolic variables in the *Kuopio Obesity Surgery Study (KOBS)*, *European Network on Functional Genomics of Type 2 Diabetes (EUGENE2)* and *METabolic Syndrome In Men (METSIM)* studies.

	n	Splice variants	Body mass index	Plasma glucose	Serum insulin	Free fatty acids
KOBS	54	**Exon 3a+**	-0.040	-0.054	-0.173	0.089
		Exon 12-13-13a-	0.079	**0.335** *	0.014	**0.350** *
		Exon 12+13-13a-	-0.141	**-0.276** *	-0.011	-0.110
		Exon 12-13+13a-	0.029	-0.009	0.162	-0.254
		Exon 12+13+13a-	0.042	**-0.329** *	-0.086	**-0.401** †
EUGENE2	113	**Exon 3a+**	-0.094	0.099	-0.124	0.072
		Exon 12-13-13a-	**0.246** †	**0.218** *	0.163	**-0.202** *
		Exon 12+13-13a-	**-0.272** †	**-0.195** *	-0.066	0.177
		Exon 12-13+13a-	-0.025	-0.087	**-0.216** *	0.046
		Exon 12+13+13a-	-0.090	-0.061	-0.025	0.097
METSIM	49	**Exon 3a+**	-0.141	-0.272	-0.290	-0.209
		Exon 12-13-13a-	0.042	**0.382** †	0.273	0.204
		Exon 12+13-13a-	0.199	-0.173	-0.001	-0.117
		Exon 12-13+13a-	**-0.445** †	**-0.540** ‡	**-0.443** †	**-0.391** †
		Exon 12+13+13a-	0.058	-0.187	-0.290	-0.065

* $p<0.05$; † $p< 0.01$; ‡ $p< 0.001$.