

Increased Metformin Clearance in Overweight and Obese Adolescents: A Pharmacokinetic Substudy of a Randomized Controlled Trial

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Electronic Supplementary Material; Table 1

Online Supplementary Table 1 Genotype results of the *OCT1* and *MATE1* transporter

Gene	Genetic marker	Allele change	WT (n)	HT (n)	HM (n)	MAF study (%)	MAF lit. ^a (%)	HW ^b (P)
<i>SLC22A1</i> (OCT1)	rs72552763	GAT>del	16	6	0	14	15	0.46
	rs12208357	181C>T	17	5	0	11	7	0.55
	rs34130495	1201G>A	19	3	0	7	2	0.73
	rs34059508	1393G>A GAT>del	22	0	0	0	1	NA
	rs622342	A>C	7	10	5	45	41	0.70
<i>SLC47A1</i> (MATE1)	rs2289669	G>A	9	10	3	36	46	0.93
	rs10735	G>A	14	8	0	18	16	0.30

HT= heterozygous, HM= homozygous, MAF= minor allele frequencies, MATE1= multidrug and toxin extrusion transporter 1, OCT1= organic cation transporter 1, SLC= solute carrier family, WT= wild type

^a MAF literature European

^b Hardy-Weinberg equilibrium