

Table S1. List of genes included in the DMET Plus panel.

ABCB1	ALDH2	COMT	CYP4F3	EPHX2	MAOA	RPL13	SLC22A14	TBXAS1
ABCB4	ALDH3A1	CROT	CYP4F8	FAAH	MAOB	RXRA	SLC25A27	TPMT
ABCB7	ALDH3A2	CYP1A1	CYP4F11	FMO1	MAT1A	SERPINA7	SLC28A1	TPSG1
ABCB11	AOX1	CYP1A2	CYP4F12	FMO2	METTL1	SLC5A6	SLC28A2	TYMS
ABCC1	APOA2	CYP1B1	CYP4Z1	FMO3	NAT1	SLC6A6	SLC28A3	UGT1A1
ABCC2	ARNT	CYP2A6	CYP7A1	FMO4	NAT2	SLC7A5	SLC29A1	UGT1A3
ABCC3	ARSA	CYP2A7	CYP7B1	FMO5	NNMT	SLC7A7	SLC29A2	UGT1A4
ABCC4	ATP7A	CYP2A13	CYP8B1	FMO6	NQO1	SLC7A8	SLCO1A2	UGT1A5
ABCC5	ATP7B	CYP2B6	CYP11A1	G6PD	NR1I2	SLC10A1	SLCO1B1	UGT1A6
ABCC6	CA5P	CYP2B7P1	CYP11B1	GSTA1	NR1I3	SLC10A2	SLCO1B3	UGT1A7
ABCC8	CBR1	CYP2C8	CYP11B2	GSTA2	NR3C1	SLC13A1	SLCO2B1	UGT1A8
ABCC9	CBR3	CYP2C9	CYP17A1	GSTA3	ORM1	SLC15A1	SLCO3A1	UGT1A9
ABCG1	CDA	CYP2C18	CYP19A1	GSTA4	ORM2	SLC15A2	SLCO4A1	UGT1A10
ABCG2	CES2	CYP2C19	CYP20A1	GSTA5	PGAP3	SLC16A1	SLCO5A1	UGT2A1
ABP1	CHST1	CYP2D6	CYP21A2	GSTM1	PNMT	SLC19A1	SPG7	UGT2B4
ADH1A	CHST2	CYP2E1	CYP24A1	GSTM2	PON1	SLC22A1	SPN	UGT2B7
ADH1B	CHST3	CYP2F1	CYP26A1	GSTM3	PON2	SLC22A2	SULT1A1	UGT2B11
ADH1C	CHST4	CYP2J2	CYP26C1	GSTM4	PON3	SLC22A3	SULT1A2	UGT2B15
ADH4	CHST5	CYP2S1	CYP27A1	GSTM5	POR	SLC22A4	SULT1A3	UGT2B17
ADH5	CHST6	CYP3A4	CYP27B1	GSTO1	PPARD	SLC22A5	SULT1B1	UGT2B28
ADH6	CHST7	CYP3A5	CYP39A1	GSTP1	PPARG	SLC22A6	SULT1C2	UGT8
ADH7	CHST8	CYP3A7	CYP46A1	GSTT1	PPP1R9A	SLC22A7	SULT1C4	VKORC1
AHR	CHST9	CYP3A43	CYP51A1	GSTT2	PRSS53	SLC22A8	SULT1E1	XDH
AKAP9	CHST10	CYP4A11	DCK	GSTZ1	PTGIS	SLC22A11	SULT2A1	
ALB	CHST11	CYP4B1	DPYD	HMGCR	QPRT	SLC22A12	SULT2B1	
ALDH1A1	CHST13	CYP4F2	EPHX1	HNMT	RALBP1	SLC22A13	SULT4A1	