

Supplementary Table 1. *CNDP2* genetic variants associated with circulating metabolite concentrations.

Metabolite	Associated variant	Effect on metabolite measurement	Variant type
Valylglycine	rs12964619	Increase	intron
	rs2241509		non-coding transcript exon
	rs2278158		non-coding transcript exon
	rs2278159		stop gain
	rs2278161		missense
	rs2303463		missense
	rs3764509		5-prime UTR
	rs6566811		missense
	rs734559		intron
	rs12964619		intron
	rs2241509		non-coding transcript exon
	rs2278158		non-coding transcript exon
	rs2278159		stop gain
	rs2278161		missense

	rs2303463		missense
	rs3764509		5-prime UTR
	rs6566811		missense
	rs734559		intron
Leucylglycine	rs734559	Increase	intron
	rs2241509		non-coding transcript exon
	rs2278159		stop gain
	rs2278161		missense
	rs2303463		missense
	rs3764509		5-prime UTR
	rs2241509		non-coding transcript exon
	rs2278159		stop gain
	rs2278161		missense
	rs2303463		missense
	rs3764509		5-prime UTR
	rs734559		intron

Gamma-glutamyl-2-aminobutyrate	rs12964619	Increase	intron
	rs2278159		stop gain
	rs2278161		missense
	rs2303463		missense
	rs3764509		5-prime UTR
	rs734559		intron
	rs12964619		intron
	rs2278159		stop gain
	rs2278161		missense
	rs2303463		missense
	rs3764509		5-prime UTR
	rs734559		intron
Leucylalanine	rs12971120	Decrease	intron
Valylleucine	rs3829640	Decrease	non-coding transcript exon