

Locus	Control Metabolite	HMDB				UMRB		BMRB		Database
		P χ^2	P Z	M χ^2	M Z	P χ^2	P Z	P χ^2	P Z	Mode Scoring
<i>DAB1</i>	hippurate	1	1	1	2	1	1	1	1	
<i>CPS1</i>	glycine	□	□	□	□	7	□	17	□	
<i>CPS1</i>	creatine	6	□	□	□	4	□	8	□	
<i>CPS1</i>	creatine & glycine	5	□	□	□	3	□	4	□	
<i>XYLB</i>	glycolate	2	□	□	□	2	□	2	□	
<i>SLC6A20</i>	dimethylglycine	2	5	2	3	1	1	1	3	
<i>ENTPPL</i>	ethanolamine	1	7	1	□	1	1	1	4	
<i>SLC6A19</i>	histidine	□	□	12	□	2	3	10	□	
<i>SLC6A19</i>	tyrosine	□	□	13	□	4	7	□	□	
<i>SLC6A19</i>	histidine & tyrosine	□	□	□	□	□	□	□	□	
<i>AGXT2</i>	3-aminoisobutyrate	1	3	1	4	1	1	1	1	
<i>DMGDH</i>	dimethylglycine	13	□	14	□	3	□	17	□	
<i>SLC36A2</i>	glycine	1	5	5	13	1	2	1	4	
<i>NAT2</i>	formate	□	3	□	1	□	2	□	3	
<i>NAT2</i>	formate & any (\pm)	□	1	2	1	□	1	1	1	
<i>SLC6A13</i>	3-aminoisobutyrate	11	18	□	□	2	1	3	7	
<i>HPD</i>	α -hydroxyisobutyrate	□	9	□	3	×	×	×	×	
<i>HPD</i>	3-hydroxyisovalerate	□	□	□	□	×	×	×	×	
<i>HPD</i>	···butyrate & ···valerate	□	□	□	□	×	×	×	×	
<i>PNMT</i>	tyrosine	□	□	□	□	1	12	□	□	
<i>PNMT</i>	histidine	□	□	□	□	6	□	□	□	
<i>PNMT</i>	alanine	□	□	□	□	14	15	□	□	
<i>SCL7A9</i>	lysine	15	□	□	□	11	□	□	□	