Table S2. Significantly altered metabolites and their related metabolic pathways

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| Metabolite | *P*-value1 | Related pathway |
| cis-Aconitate | 0.0122 | Citrate cycle (TCA cycle); Glyoxylate and dicarboxylate metabolism |
| Malonate | 0.0483 | - |
| N-Acetylglycine | 0.0231 | - |
| O-Acetylcholine | 0.0027 | - |
| Succinate | 0.0204 | Citrate cycle (TCA cycle); Glyoxylate and dicarboxylate metabolism; Alanine, asparate and glutamate metabolism |
| Urea | 0.0040 | Arginin and proline metabolism |
| Valproate | 0.0300 | - |
| 2-Oxoglutarate | 0.0184 | D-glutamine and D-glutamate metabolism; Citrate cycle (TCA cycle); Glyoxylate and dicarboxylate metabolism; Alanine, asparate and glutamate metabolism |

1 *P*-values derived from the student’s *t-*test between groups, *P* < 0.05.