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| **Metabolite** | **KEGG ID** |
| Trigonelline | C01004 |
| Kynurenine | C00328 |
| 3-Hydroxyanthranilic acid | C00632 |
| 5-Hydroxyindole-3-acetic acid | C05635 |
| Kynurenic acid | C01717 |
| Indole-3-propionic acid | NA |
| Cortisol | C00735 |
| 2-Hydroxyisobutyric acid | NA |
| 3-hydroxybutyric acid | C01089 |
| Leucine | C00123 |
| Glycerol | C00116 |
| 4-Hydroxyproline | C01157 |
| a-ketoglutaric acid | C00026 |
| Phenylalanine | C00079 |
| d-Fructose | C02336 |
| Mannose | C00159 |
| Galactose | C00984 |
| d-Sorbitol | C00794 |
| d-Galactitol | C01697 |
| d-Gluconic acid | C00257 |
| Saccharic acid | C00818 |
| myo-Inositol | C00137 |
| Sedoheptulose | C02076 |

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| **Metabolite** | **KEGG ID** |
| Trigonelline | C01004 |
| Kynurenine | C00328 |
| 5-Hydroxyindole-3-acetic acid | C05635 |
| Kynurenic acid | C01717 |
| Indole-3-propionic acid | NA |
| Cortisol | C00735 |
| 2-Hydroxyisobutyric acid | NA |
| 3-hydroxybutyric acid | C01089 |
| Urea | C00086 |
| Glyceric acid | C00258 |
| Malic acid | C00149 |
| 4-Hydroxyproline | C01157 |
| a-ketoglutaric acid | C00026 |
| Phenylalanine | C00079 |
| Hypoxanthine | C00262 |
| Mannose | C00159 |
| d-Sorbitol | C00794 |
| d-Galactitol | C01697 |

Selected metabolites names and KEGG IDs. Note that indole-3-propionic acid and 2-Hydroxyisobutyric acid were not found in KEGG were not included in the pathway analysis, but they have both been reported as microbiota metabolites.