# Tabel 4 - List of microbiome metabolites and their id numbers

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| --- | --- | --- | --- | --- |
| **id** | **metabolite** |  | **id** | **metabolite** |
| metab\_1 | Glycine |  | metab\_47 | Oleic acid |
| metab\_2 | Leucine |  | metab\_48 | Linoleic acid |
| metab\_3 | Valine |  | metab\_49 | Arachidonic acid |
| metab\_4 | Proline |  | metab\_50 | Eicosenoic acid |
| metab\_5 | Serine |  | metab\_51 | Eicosapentaenoic acid |
| metab\_6 | Aspartic acid |  | metab\_52 | Eicosatrienoic acid |
| metab\_7 | Asparagine |  | metab\_53 | g-Linolenic acid |
| metab\_8 | Methionine |  | metab\_54 | Hexanoic acid |
| metab\_9 | Tryptophan |  | metab\_55 | Propionic acid |
| metab\_10 | Alanine |  | metab\_56 | Butyric acid |
| metab\_11 | Histadine |  | metab\_57 | Docosapentaenoic acid |
| metab\_12 | b-alanine |  | metab\_58 | Acetic acid |
| metab\_13 | a-aminobutyric acid |  | metab\_59 | Docosatetraenoic acid |
| metab\_14 | Pyroglutamic acid |  | metab\_60 | p-Cresol sulfate |
| metab\_15 | Hippuric acid |  | metab\_61 | p-Hydroxyphenylacetic acid |
| metab\_16 | Lysine |  | metab\_62 | Indoleacetic acid |
| metab\_17 | Tyrosine |  | metab\_63 | Chenodeoxycholic Acid |
| metab\_18 | Succinic acid |  | metab\_64 | Taurodeoxycholic Acid |
| metab\_19 | Isocitric acid |  | metab\_65 | Deoxycholic Acid |
| metab\_20 | Citric acid |  | metab\_66 | Cholic Acid |
| metab\_21 | Oxoglutaric acid |  | metab\_67 | Lithocholic Acid |
| metab\_22 | *cis-*Aconitic acid |  | metab\_68 | Hyodeoxycholic Acid |
| metab\_23 | Indolepropionic acid |  | metab\_69 | Taurocholic Acid |
| metab\_24 | Hydrocinnamic acid |  | metab\_70 | Glycodeoxycholic Acid |
| metab\_25 | Caprylic acid |  | metab\_71 | Taurochenodeoxycholate |
| metab\_26 | Hydroxybutyric acid |  | metab\_72 | Glycochenodeoxycholate |
| metab\_27 | Capric acid |  | metab\_73 | Isolithocholic acid |
| metab\_28 | Hydroxyisovaleric acid |  | metab\_74 | Nutriacholic acid / 7-Ketolithocholic Acid |
| metab\_29 | Malic acid |  | metab\_75 | 12-Ketolithocholic acid/12-Ketodeoxycholic acid |
| metab\_30 | Citramalic acid |  | metab\_76 | Allolithocholic acid ( Isoallolithocholic acid) |
| metab\_31 | Methylsuccinic acid |  | metab\_77 | diketolithocholic acid |
| metab\_32 | Glyceric acid |  | metab\_78 | Ursodeoxycholic Acid |
| metab\_33 | Hydroxyphenylacetic acid |  | metab\_79 | Muricholic Acid |
| metab\_34 | a-Hydroxyisobutyric acid |  | metab\_80 | Muricholic Acid\Hyocholic Acid |
| metab\_35 | Hydroxybutyric acid |  | metab\_81 | Glycolithocholate |
| metab\_36 | Glycolic acid |  | metab\_82 | Glycoursodeoxycholic Acid |
| metab\_37 | Oxovaleric acid |  | metab\_83 | Glycohyocholate |
| metab\_38 | Isobutyric acid |  | metab\_84 | Tauroursodeoxycholic Acid |
| metab\_39 | Isovaleric acid |  | metab\_85 | Taurohyodeoxycholic Acid |
| metab\_40 | hydroxypropanoic acid | | metab\_86 | Taurohyocholate |
| metab\_41 | Dodecanoic acid |  | metab\_87 | Dihydroxynorcholanate-Nordeoxycholic acid |
| metab\_42 | Pentadecanoic acid |  | metab\_88 | Lithocholic Acid 3 Sulfate |
| metab\_43 | Palmitic acid |  | metab\_89 | Ursodeoxycholic Acid (Isoursodeoxycholic acid) |
| metab\_44 | Palmitoleic acid |  | metab\_90 | Hyodeoxycholic Acid (Isohyodeoxycholic acid) |
| metab\_45 | Heptadecanoic acid |  | metab\_91 | Glycolithocholic Acid 3 Sulfate |
| metab\_46 | Stearic acid |  | metab\_92 | Cholanic Acid-3, 7, 12-triol |