

| pTable S7: List of biochemical pathways (MetaboAnalyst) identified for OGT vs OT | | | |
|---|---------------------|----------------|-------------------|
| Pathway | Match status | p-value | Impact |
| Lysine degradation | 2/25 | 0.00 | 0.00 |
| Phenylalanine, tyrosine and tryptophan biosynthesis | 1/4 | 0.02* | 0.50 [#] |
| Synthesis and degradation of ketone bodies | 1/5 | 0.02 | 0.00 |
| Ubiquinone and other terpenoid-quinone biosynthesis | 1/9 | 0.04 | 0.00 |
| Phenylalanine metabolism | 1/12 | 0.05 | 0.00 |
| Butanoate metabolism | 1/15 | 0.06 | 0.00 |
| Cysteine and methionine metabolism | 1/33 | 0.12 | 0.02 |
| Glycine, serine and threonine metabolism | 1/34 | 0.13 | 0.00 |
| Arginine and proline metabolism | 1/38 | 0.14 | 0.01 |
| Tyrosine metabolism | 1/42 | 0.16 | 0.14 |
| Aminoacyl-tRNA biosynthesis | 1/48 | 0.18 | 0.00 |

*p-value <0.05; and [#]impact > 0.1 is regarded as significant