|  |  |  |
| --- | --- | --- |
| Metabolite | FBS | FEX |
|  | log2 (Fold change -/+) | |
| L-Leucine | 7.5422 | 7.5849 |
| L-Tyrosine | 4.9311 | 4.656 |
| L-Valine | 4.8243 | 4.7708 |
| Fumaric acid | 4.5133 | 4.5119 |
| Urea | 4.3697 | 4.5961 |
| 2-Hydroxyglutaric acid | 3.9028 | 1.962 |
| Thymine | 3.3073 | 1.9946 |
| 2-Ketoisocaproic acid | 2.1694 | 2.4659 |
| Citric acid | 1.8763 | 2.7122 |
| **Nicotinamide** | **-1.0758** | **2.4502** |
| Ethanolamine | -1.5212 | -1.3304 |
| Cystathionine | -2.4703 | -2.7261 |
| Inosine | -2.6979 | -2.5447 |
| Adenine | -2.8325 | -4.2065 |
| Phosphate | -5.4208 | -5.2858 |
| L-Serine | -6.3631 | -6.4879 |
| Guanine | -7.1612 | -1.9957 |

Table S4. **Similar metabolites are secreted into/depleted from the media on S2R+ cell culture grown in either serum or fly extract.** Metabolomes of FBS- and FEX-supplemented culture supernatants were compared with the respective cell-free media. Metabolites that are commonly found in both these comparisons with at least a two-fold change are listed. The values listed are log2 (Fold change) of metabolite levels when supernatants from FBS- or FEX-supplemented S2R+ cell cultures were compared to the respective cell-free media. Except for one (nicotinamide, bold), the direction of change (increase/decrease) is the same for all the other metabolites.