

Table 1: Metabolomics pathway analysis showing the pathway, and the p-value of the pathway (Fisher's exact test).

Pathway	p-value
FXR/RXR activation	3.2E-06
Purine nucleotides degradation II (aerobic)	3.8E-05
Purine ribonucleosides degradation to ribose-1-phosphate	1.4E-04
Xanthine and xanthosine salvage	4.7E-04
Urate biosynthesis/inosine 5'-phosphate degradation	1.1E-03
Leukotriene biosynthesis	2.1E-03
Adenosine nucleotides degradation II	2.1E-03
Glucose and glucose-1-P degradation	2.8E-03
Maturity onset diabetes of young (MODY) signaling	3.6E-03
Glutathione redox reactions II	3.6E-03
Mitochondrial dysfunction	7.9E-03
Antioxidant action of vitamin C	8.7E-03
Glutathione redox reactions I	1.2E-02
Vitamin-C transport	1.2E-02
Cancer drug resistance by drug efflux	1.2E-02
Ascorbate recycling (cytosolic)	1.5E-02
Galactose degradation I (leloir pathway)	1.9E-02
Sucrose degradation V (mammalian)	2.4E-02
Adenine and adenosine salvage III	2.4E-02
Adipogenesis pathway	2.5E-02
Protein Kinase A signaling	3.4E-02
Arsenate detoxification I (glutaredoxin)	3.4E-02
Stearate biosynthesis I (animals)	4.6E-02