

Table 2. Metabolic pathway analysis

Pathway	p-value	Impact
Pyrimidine metabolism	1.0e-17	0.18
Glycerophospholipid metabolism	1.9e-17	0.00
Glycine, serine and threonine metabolism	1.8e-10	0.07
Lysine biosynthesis	1.8e-10	0.00
Sulfur metabolism	1.8e-10	0.00
Purine metabolism	1.8e-10	0.07
Cysteine and methionine metabolism	3.6e-09	0.09
D-Glutamine and D-glutamate metabolism	3.9e-05	0.27
Galactose metabolism	3.5e-04	0.03
Arginine and proline metabolism	6.2e-04	0.36
Glutathione metabolism	6.2e-04	0.00
Thiamine metabolism	7.7e-04	0.00
Riboflavin metabolism	1.2e-03	0.24
Citrate cycle (TCA cycle)	3.5e-02	0.25
Glyoxylate and dicarboxylate metabolism	3.5e-02	0.00
Cyanoamino acid metabolism	4.4e-02	0.00