

Candidate Pathways (IPA®)	HTN vs. Ctrl (z-score)	HTN-T2DM vs. Ctrl. (z-score)
Sirtuin Signaling Pathway	-	3.371
Acute Phase Response Signaling	-	2.683
Ketogenesis	-	-2
Fatty Acid α -oxidation	-	-2
Ketolysis	-	-2.236
Acetyl-CoA Biosynthesis I (PDH Complex)	-	-2.236
AMPK Signaling	-	-2.887
Glycolysis	-	-3.317
Gluconeogenesis	-	-3.317
eIF2 Signaling	-2.449	-3.153
Fatty Acid β -oxidation	-	-3.742
TCA Cycle	-	-4.123
Oxidative Phosphorylation	-	-8.062

z-score ≥ 5 $2 \leq \text{z-score} < 5$ $-5 < \text{z-score} \leq -2$ z-score ≤ -5

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 $-2 < \text{z-score} < 2$; $p > 0.05$

Table 2