KEGG HN下调通路：

1、Chemokine signaling pathway

2、Cytokine-cytokine receptor interaction

3、Leukocyte transendothelial migration

4、AGE-RAGE signaling pathway in diabetic complications

5、Rap1 signaling pathway

6、Complement and coagulation cascades

7、Cell adhesion molecules (CAMs)

8、MAPK signaling pathway

9、NOD-like receptor signaling pathway

10、Platelet activation

KEGG HN上调通路：

1、Tight junction

2、Leukocyte transendothelial migration

3、Cell adhesion molecules (CAMs)

4、Thyroid hormone synthesis

5、Ferroptosis

6、AMPK signaling pathway

7、Insulin signaling pathway

8、Insulin resistance

9、Choline metabolism in cancer

10、Thyroid hormone signaling pathway

11、Glutathione metabolism