Figure S5

A

HCC patients

Tumor Non-tumor Blood

Luminance

*** ** *

P1 P2

B

Hepa1-6

Tumor Normal

Luminance

*p=0.0163

C

Lactate

Control Lenvatinib

Luminance

*** *

HepG2 LM3 HUVEC

D

Metabolic pathways

IL2-STAT pathway

PI3K-Akt signaling pathway

Neutrophile pathway

MAPK signaling pathway

CDE-TCR pathway

E

Lenvatinib Control

POGLUT1 HK2 PFKFB3 ALDOA GAPDH PGK1 PKM LDHA PDK1

F

PI3K/AKT pathway

NES = 1.60

P < 0.001

Rank in Ordered Dataset

Gene Expression Score