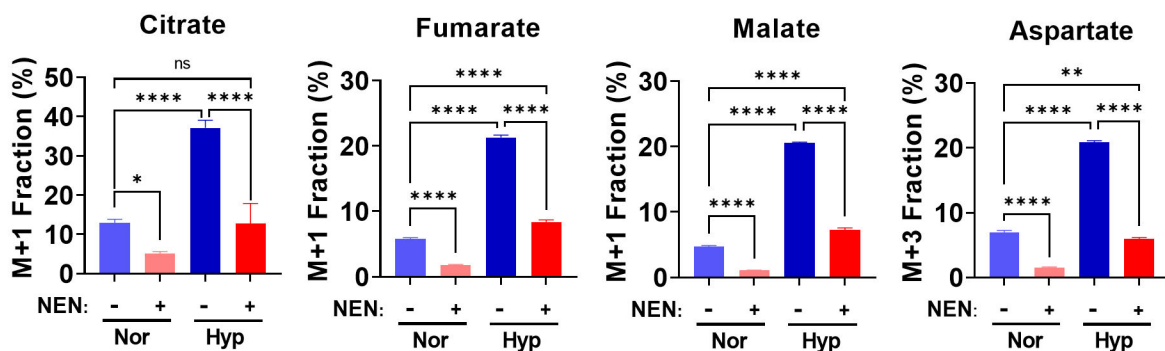


Supplemental Figure 5

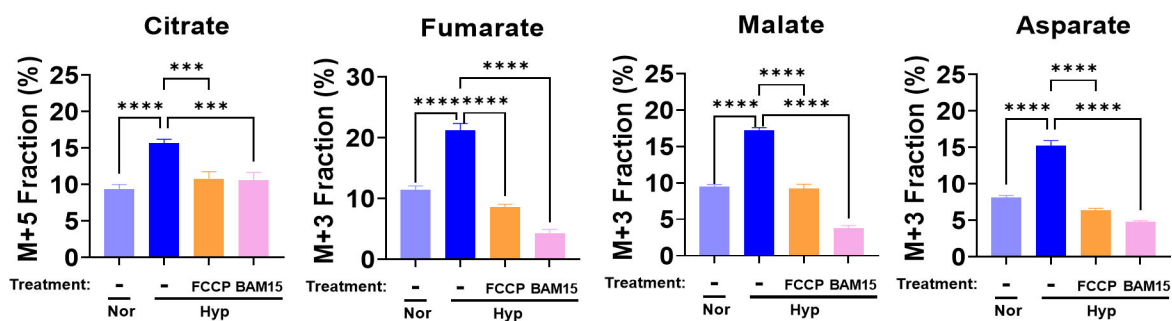
A

①○○○○ [1-¹³C]glutamine



B

●●●●● [U-¹³C]glutamine



Supplemental Figure 5

(A) SK-N-BE(2) cells were pretreated with DMSO or 1 μ M NEN for 3 hours under normoxia or hypoxia (0.5% O₂), then labeled with or 1-¹³C-glutamine for 2 hours. Relative isotopic labeling fractions of metabolites were measured using LC-MS. (D) SK-N-BE(2) cells were pretreated with DMSO, 2 μ M FCCP, or 5 μ M BAM15 for 3 hours under normoxia or hypoxia (0.5% O₂), then labeled with U-¹³C-glutamine for 2 hours. The relative isotopic labeling fraction of metabolites were measured using LC-MS.