



Supplementary figure S6. Metabolic flux analysis for purine nucleotide bio synthesis in DMS273 cells with or without HPRT1 expression.

Enrichment of ^{13}C , ^{15}N -labeled metabolites in HPRT1-knockout DMS273 cells transfected with control vector (KO+V) or HPRT1 cDNA (KO+H). M+3 and M+9 are the metabolites derived from the purine de novo and salvage pathways, respectively. The cells were treated with [$^{13}\text{C}_2$, ^{15}N]-glycine (M+3) and [$^{13}\text{C}_5$, $^{15}\text{N}_4$]-hypoxanthine (M+9) for 0, 2, and 6 h.