



Supplementary information, Figure S2. Glutaminase C activity is elevated in NSCLC. (A)

The mRNA levels of GAC in NSCLC cell lines and HBE cells were determined by qPCR. Data represent the average of three independent experiments (mean±SD). ** $P<0.01$, *** $P<0.001$, ns: $P>0.05$. (B) The expression of GAC in NSCLC cell lines and HBE cells was determined by western blotting with indicated antibodies (Top figure). Relative GAC expression over β -actin was quantified. Data represent the average of three independent experiments (mean±SD). *** $P<0.001$, ns: $P>0.05$ (Bottom figure). (C) The expression of GAC in tumor tissues (T) and adjacent normal tissues (N) from 10 NSCLC patients was determined by western blotting with indicated antibodies. (D) Mitochondrial fractions were isolated from tumor tissues (T) and adjacent normal tissues (N) from 10 NSCLC patients, and glutaminase activity assay was performed. Data represent the average of three independent experiments (mean±SD). * $P<0.05$, ** $P<0.01$.