

Description of Additional Supplementary Files

Supplementary Data 1 | The analysis of metabolic CRISPR library screen by MAGeCK

Supplementary Data 2 | Up-regulated genes in human tumors (cited data)

Supplementary Data 3 | Altered genes in siMTHFD2 cancer cells in RNA-seq

Supplementary Data 4 | MTHFD2 correlated genes in TCGA clinical samples (RNASeqV2 syn4976369TGCA)

Supplementary Data 5 | Metabolomics analysis of siMTHFD2 cancer cells by MS

Supplementary Data 6 | List of primers used