

Description of Additional Supplementary files

File name: Supplementary Data 1

Description: A tabular summary of 5268 tissue variable genes.

File name: Supplementary Data 2

Description: Tabular summaries of Dhmr analysis and GSEA results in tumor tissues.

File name: Supplementary Data 3

Description: Clinical attributes of tissue sample subjects and 5hmC peak analysis result.

File name: Supplementary Data 4

Description: Tabular summary of Dhmr analysis in 140 genes that exhibited concordant changes in 5hmC occupancy across all tumor types.

File name: Supplementary Data 5

Description: Tabular summary of Dhmr analysis in genes that exhibited concordant changes between tumor and cancer cfDNA in any cancer type.

File name: Supplementary Data 6

Description: Tabular summary of 409 genes with non-zero coefficients in TOTO model.

File name: Supplementary Data 7

Description: Tabular summary of GSEA analysis for the 409 genes selected by TOTO model.