

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Clinicopathologic characteristics of the T1 stage LUAD patients JSCH cohort.

File Name: Supplementary Data 2

Description: The list of included samples with gene-panel sequencing.

File Name: Supplementary Data 3

Description: All somatic mutations identified in this cohort study by gene-panel sequencing.

File Name: Supplementary Data 4

Description: Phylogenetic results of somatic variants using Treeomics inference

File Name: Supplementary Data 5

Description: Copy number related critical events identified in tissue samples.

File Name: Supplementary Data 6

Description: Homozygotic mutation and loss of heterozygosity plus mutation of tumor suppressor genes in this cohort.

File Name: Supplementary Data 7

Description: Clinicopathologic characteristics of included cases of BLCS cohort.

File Name: Supplementary Data 8

Description: Comparison of EGFR mutations between cfDNA samples and corresponding MPNs.