

Description of Additional Supplementary Files

Supplementary Data 1 - Inventory of all patient tumors, clinical information and genomic alterations used for single cell RNAseq and IMC analysis.

Supplementary Data 2 - Single-cell analysis, markers and signatures used for single cell and nuclei RNAseq analysis.

Supplementary Data 3 - IMC antibodies specifications

Supplementary Data 4 - CyTOF antibodies specifications