

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Significant genes identified using the two-sided non-parametric Wilcoxon rank sum test for each annotated cell cluster from the analyzed 59,915 cells.

File Name: Supplementary Data 2

Description: Results of MSigDB analysis of BEAM genes for each individual tumour hierarchical cluster. Statistical analysis was performed using one-sided hypergeometric test with correction for multiple hypothesis testing according to Benjamini and Hochberg.

File Name: Supplementary Data 3

Description: Significant genes identified using the two-sided non-parametric Wilcoxon rank sum test for each annotated immune cell cluster.