

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Summary of the baseline characteristics of study participants.

File Name: Supplementary Data 2

Description: Complete list of antibodies used in this study and gene content of the scRNA-seq targeted mRNA panel.

File Name: Supplementary Data 3

Description: Summary of the cluster-specific RNA and AbSeq markers used for cell type annotation. Fold change and *P* values were calculated using a negative binomial generalized linear model implemented in Seurat (see Methods).

File Name: Supplementary Data 4

Description: Differential expression calculated on all annotated clusters between Day 0 and Day 27 or Day 55 analysed using DESeq2. Fold change and *P* values were calculated using a generalized linear model implemented in DESeq2 (see Methods).