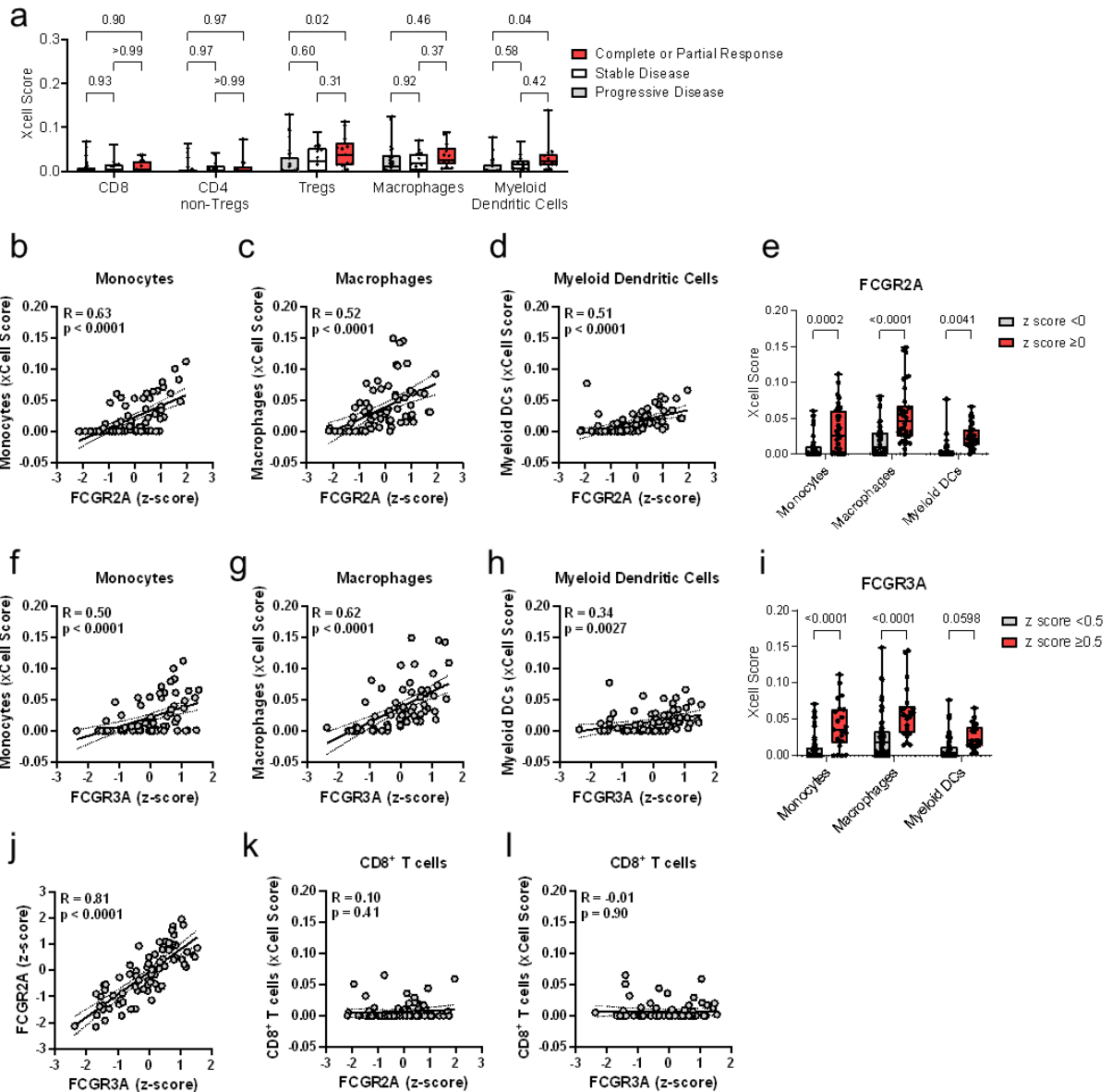


1 **Supplementary Figure S17**



2

3 **Supplementary Figure S17. FCGR2A and FCGR3A bulk RNA-seq expression z-scores**

4 **correlation with immune cell type enrichment scores. (a)** Intratumoral cell type fraction of
 5 macrophages, myeloid dendritic cells, monocytes, CD8⁺ T cells, CD4⁺ non-Tregs and Tregs in
 6 pre-treatment tumor biopsies from patients with a variety of solid cancers treated with
 7 botensilimab ± balstilimab (n=55), as determined from gene set enrichment analysis of bulk RNA-

8 seq data by xCell. In violin plots, the center line represents the median. **(b-d)** Intratumoral **(b)**
9 monocyte, **(c)** macrophage and **(d)** myeloid dendritic cell type enrichment scores from pre-
10 treatment tumor biopsies obtained by xCell gene set enrichment analysis of bulk RNA-seq data
11 (y-axis) plotted against FCGR2A bulk RNA-seq gene expression z-scores (x-axis) (n=74). **(e)**
12 xCell enrichment score for monocytes, macrophages and myeloid DCs cell types by FCGR2A (n=
13 40 with z-score <0 and n=34 with z-score ≥0) high versus low expression. **(f-h)** Intratumoral **(f)**
14 monocyte, **(g)** macrophage and **(h)** myeloid dendritic cell type enrichment scores plotted against
15 FCGR3A bulk RNA-seq gene expression z-scores (x-axis) (n=74). **(i)** xCell enrichment score for
16 monocytes, macrophages and myeloid DCs cell types by FCGR3A (n= 53 with z-score <0.5 and
17 n=21 with z-score ≥0.5) high versus low expression. **(j)** FCGR2A (y-axis) plotted against FCGR3A
18 (x-axis) bulk RNA-seq gene expression z-scores (n=74). **(k)** FCGR2A and **(l)** FCGR3A correlation
19 with CD8⁺ T cells from pre-treatment tumor biopsies obtained by xCell gene set enrichment
20 analysis of bulk RNA-seq data (n=74). Data were analyzed with a two-way ANOVA followed by
21 **(a)** Tukey's multiple comparisons test or **(e, i)** Šídák's multiple comparisons test. The correlation
22 coefficient R, and the p-value (p) of the simple linear regression is indicated on the graph **(b-d, f-**
23 **h, j-l)**.