



**Supplementary Figure 4:**

**A-C** Correlation of the percentage of  $\alpha 4^+ \beta 7^+$  cells among CD3<sup>+</sup> T cells with C-reactive protein levels (n = 83) (A), Partial Mayo Score (n = 60) (PMS, B) or Harvey Bradshaw Index (n = 26) (HBI, C) in individual patients at baseline. Regression lines, Pearson's r and the associated p values are indicated.

**D** Quantification of the abundance of  $\alpha 4^+ \beta 7^+$  cells among CD3<sup>+</sup> T cells at baseline in patients with (n = 52) and without (n = 34) previous exposure to anti-TNF antibodies.