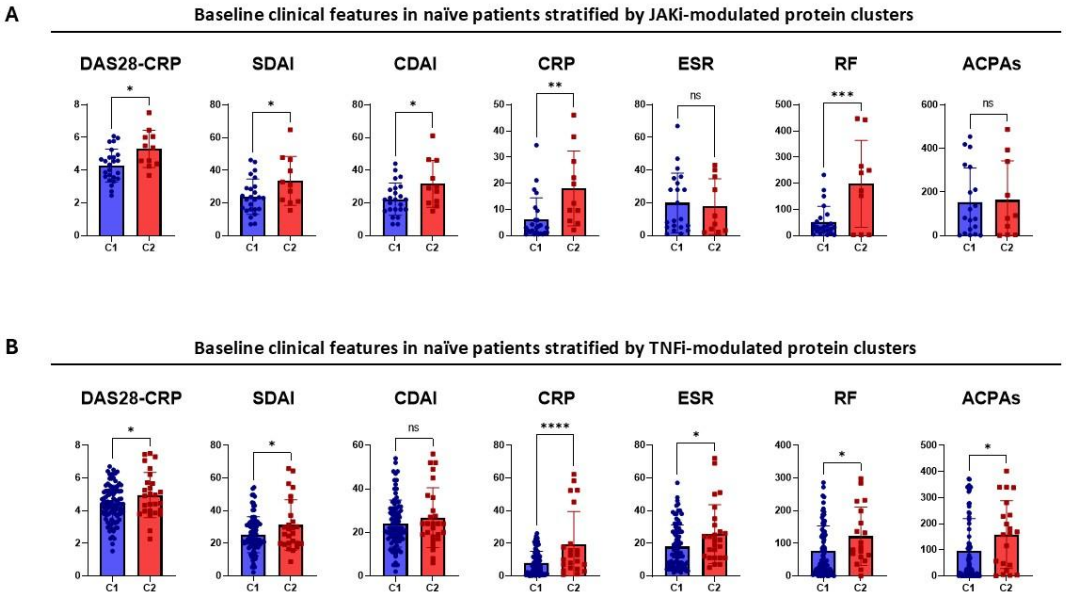


**Supplementary Figure S4. Baseline clinical features differ between clusters defined by *ex vivo* signatures before JAKi/TNFi in naïve patients**.- (A) Bar graphs displaying individual baseline values of DAS28-CRP, SDAI, CDAI, CRP, ESR, RF, and ACPAs in naïve RA patients starting JAKi treatment, stratified by clusters C1 (low expression, blue) and C2 (high expression, red), defined according to the *ex vivo* JAKi-induced protein signature. (B) Same comparison in naïve RA patients initiating TNFi therapy, using the clusters C1 (low expression, blue) and C2 (high expression, red) defined by the *ex vivo* TNFi-induced signature.

Bars represent individual patient values with mean ± SD. Statistical significance: *p < 0.05, **p < 0.01, ***p < 0.001, ****p < 0.0001; ns: not significant.