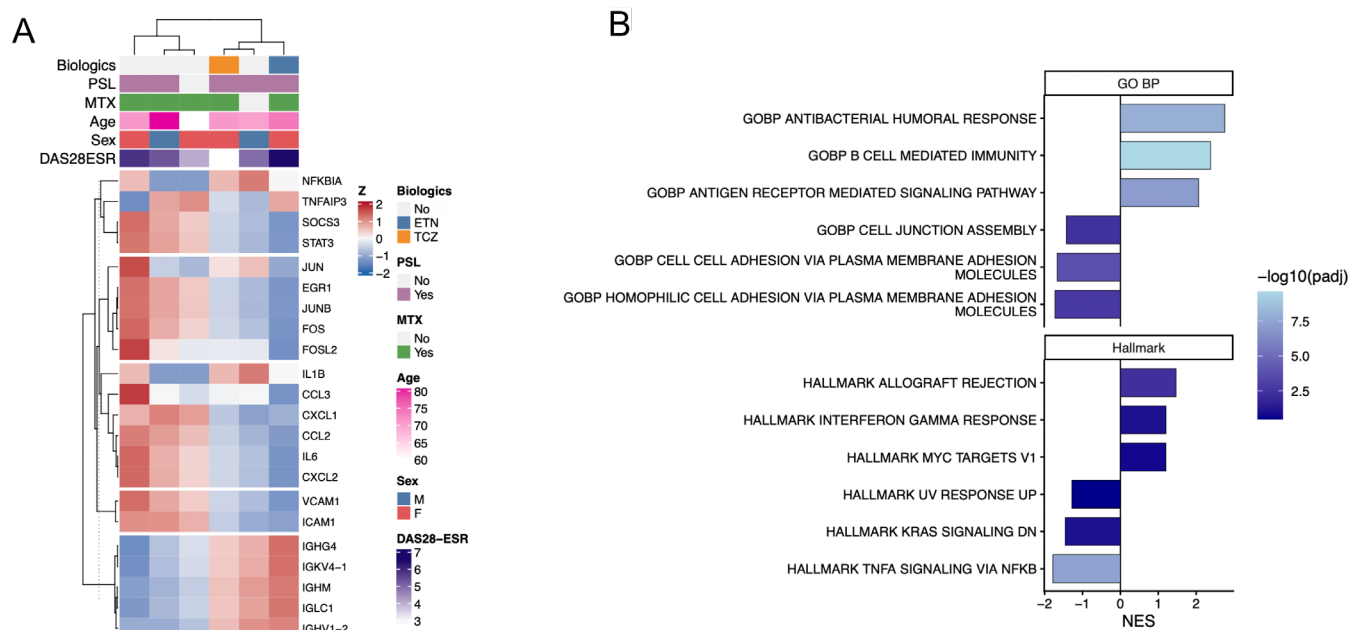




Supplementary Fig. S1. Biologic therapy-associated transcriptional changes in periarticular muscle in RA.

A: Covariate-adjusted heatmap of a cytokine-responsive immune activation gene panel in RA periarticular muscle. Values represent z-scored voom logCPM after adjustment for age, sex, and DAS28-ESR.

B: Pre-ranked GSEA summary. Bars represent coloured by $-\log_{10}$ (adjusted p -value).

RA: rheumatoid arthritis; ETN: etanercept; TCZ: tocilizumab; PSL: prednisolone; MTX: methotrexate; NES: normalised enrichment score.