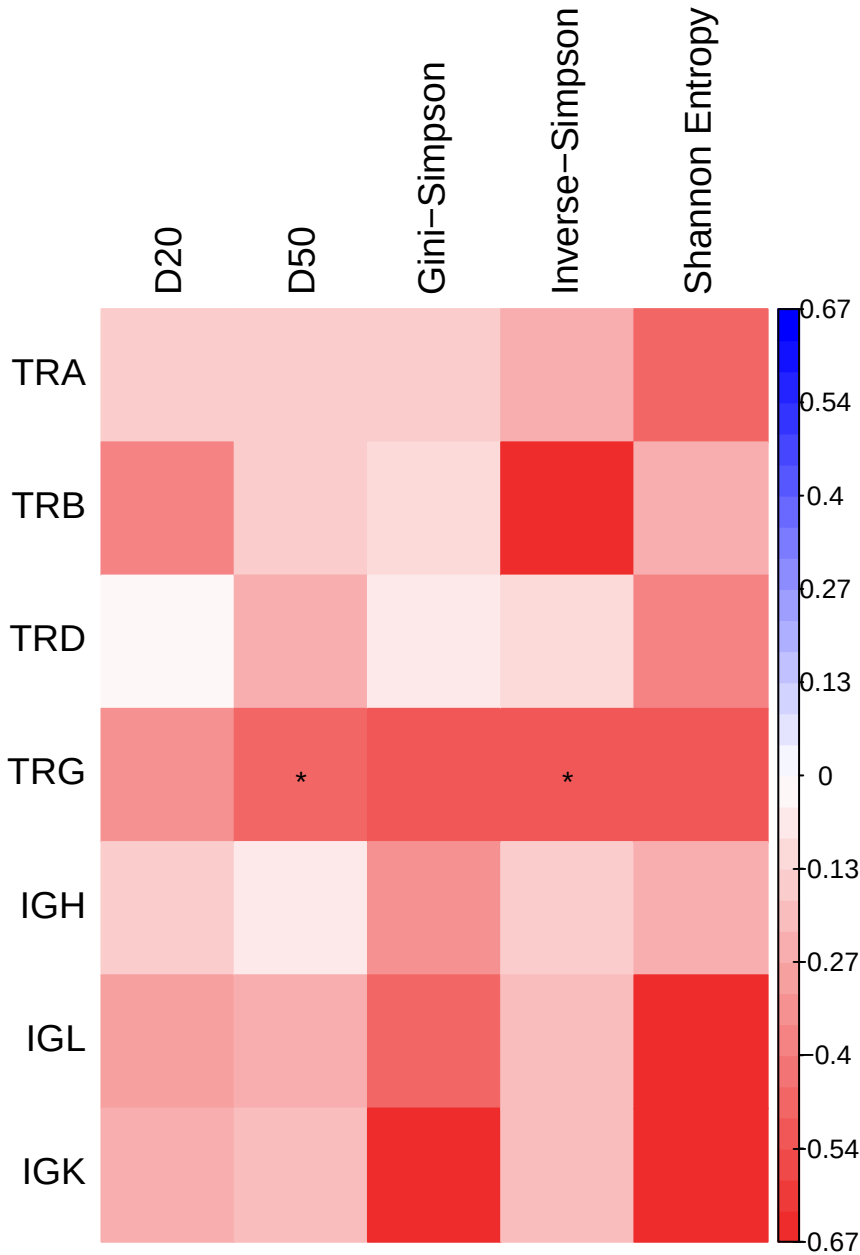
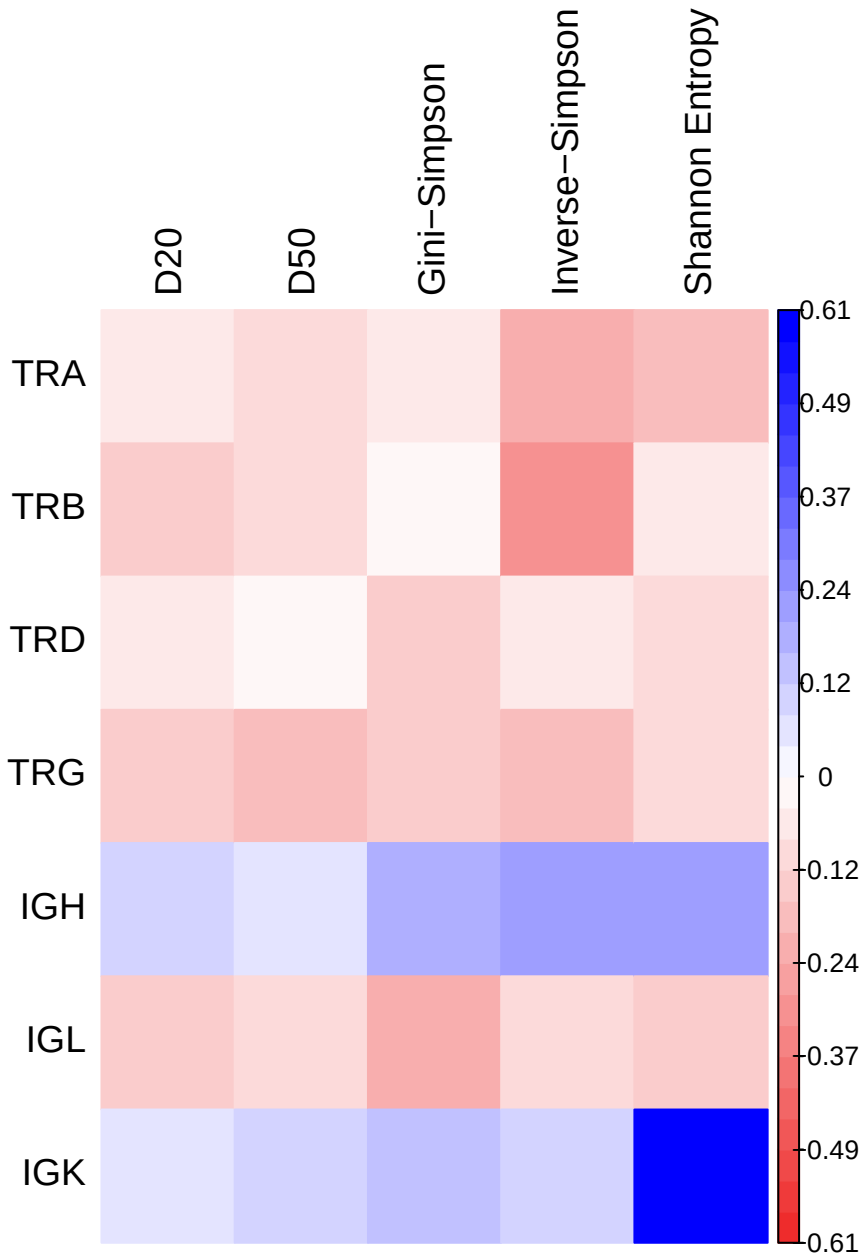


Fig S2. Chain-wide characterization of the AIRR diversity in rheumatoid arthritis phenotypes. The statistical significance and effect size of the association between each diversity measure and clinical phenotype are shown. The heatmap is colored according to the effect size of the association at the chain level. Details on the direction of the effect size are provided in **Table S4**. Abbreviations: $P < 0.05$; **, $P < 5.00 \times 10^{-3}$; ***, $P < 5.00 \times 10^{-4}$; ****, $P < 5.00 \times 10^{-5}$.

Response to TNFi therapy



Disease activity



ACPA

