

Figure S1. Violin plots show the normalized intensity distribution for all datasets in samples. FPKM, fragments per kilobase per million; RA, rheumatoid arthritis; HC, healthy controls.

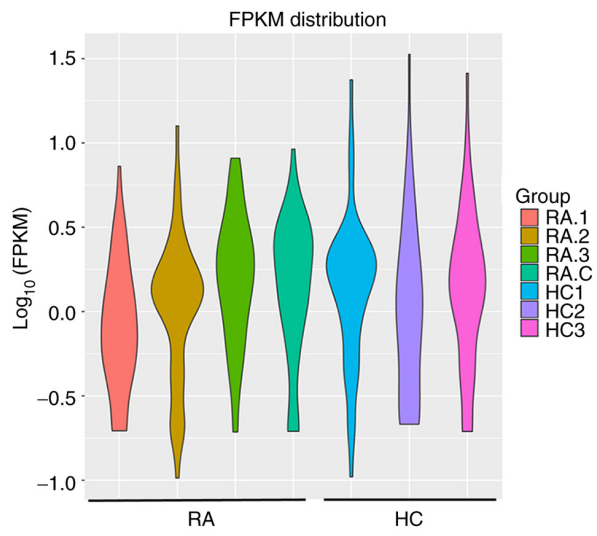


Figure S2. The expression level of *PTPN22* and correlation of expression levels between circ*PTPN22* and *PTPN22* mRNA. (A) The expression levels of *PTPN22* in PBMCs of RA patients, SLE patients and HCs were determined by reverse transcription-quantitative PCR. (B) Pearson's correlation test of circ*PTPN22* and *PTPN22* levels in PBMCs of RA patients. * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$. circRNA, circular RNA; PBMCs, peripheral blood mononuclear cells; RA, rheumatoid arthritis; SLE, systemic lupus erythematosus; HC, healthy controls.

