

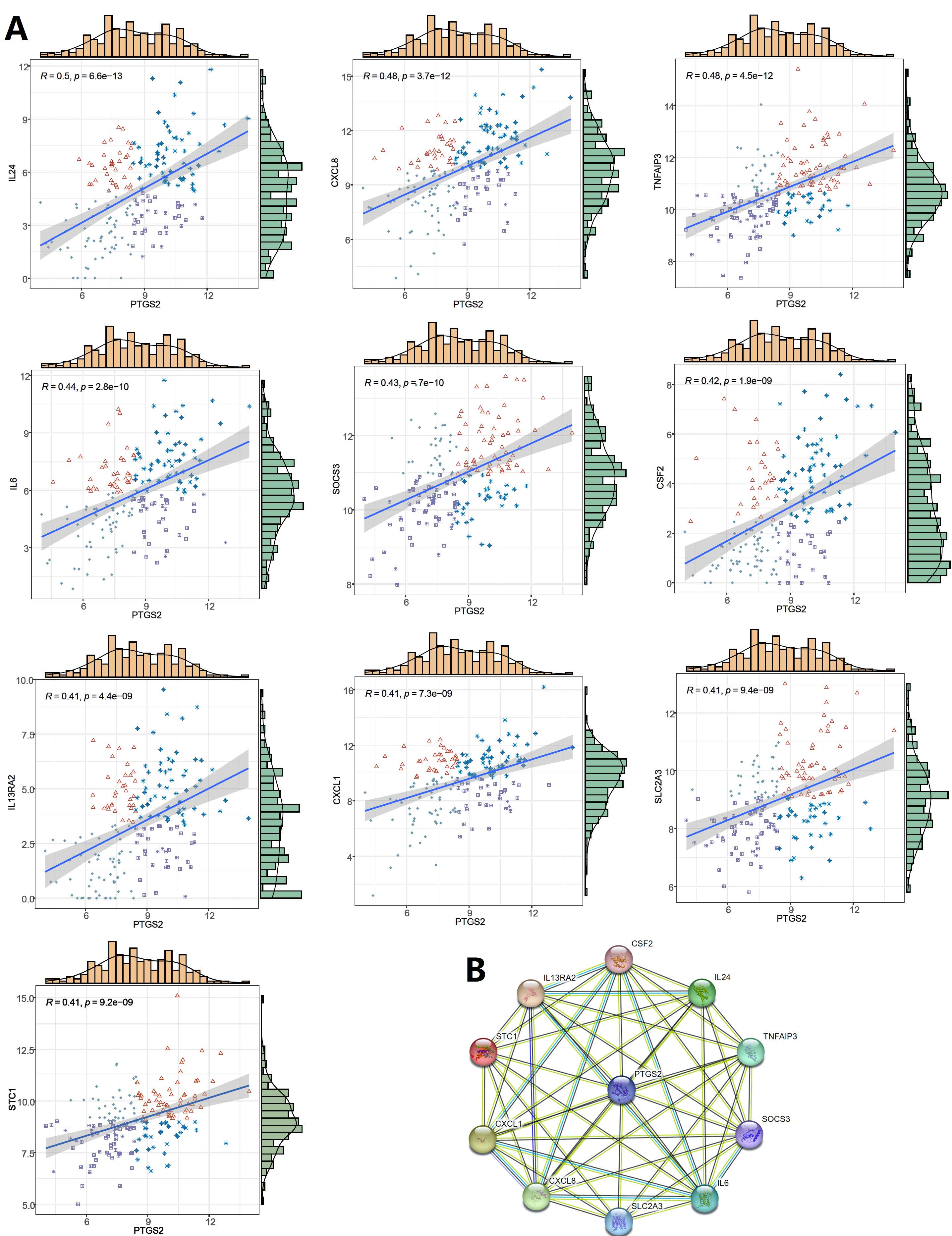


Figure S1. Top 10 genes most significantly correlated with COX-2 expression

(A) Pearson correlation analysis was conducted to evaluate the relationship between PTGS2 and the following genes: IL24, CXCL8, TNFAIP3, IL6, SOCS3, CSF2, IL13RA2, CXCL1, SLC2A3, and STC1.

(B) The protein interaction network of the genes PTGS2, IL24, CXCL8, TNFAIP3, IL6, SOCS3, CSF2, IL13RA2, CXCL1, SLC2A3, and STC1.