(A)

(B)

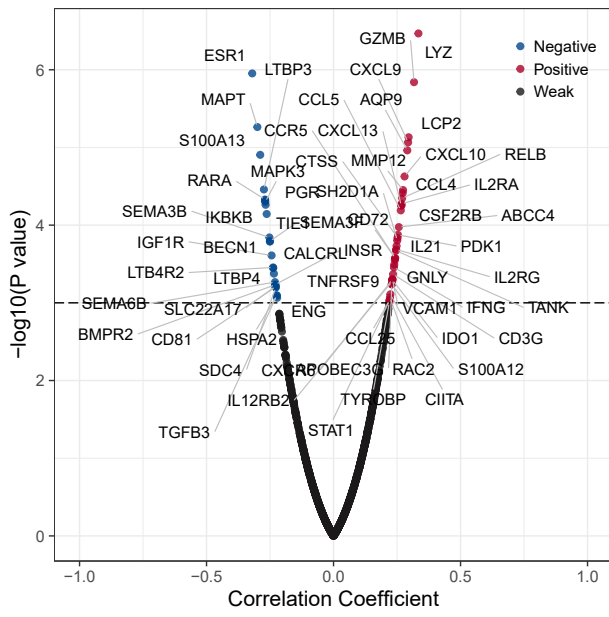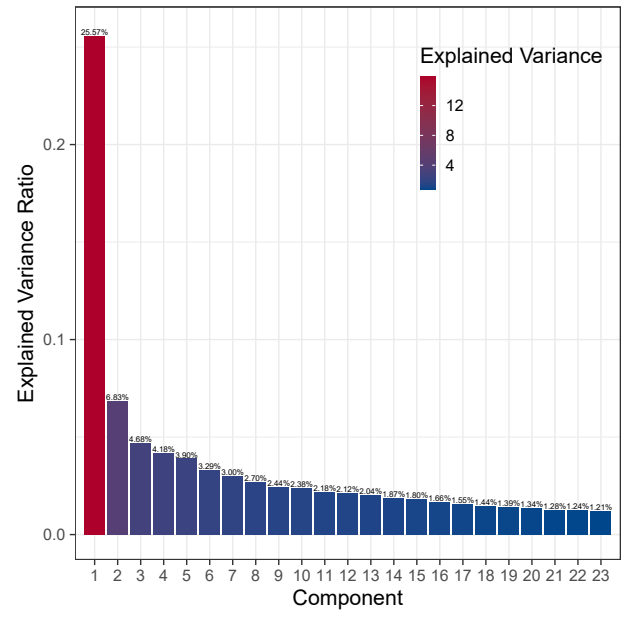**Supplementary Figure 3.** Feature engineering. (A) Feature selection using Spearman rank correlation test. (B) Dimensionality reduction via PCA.