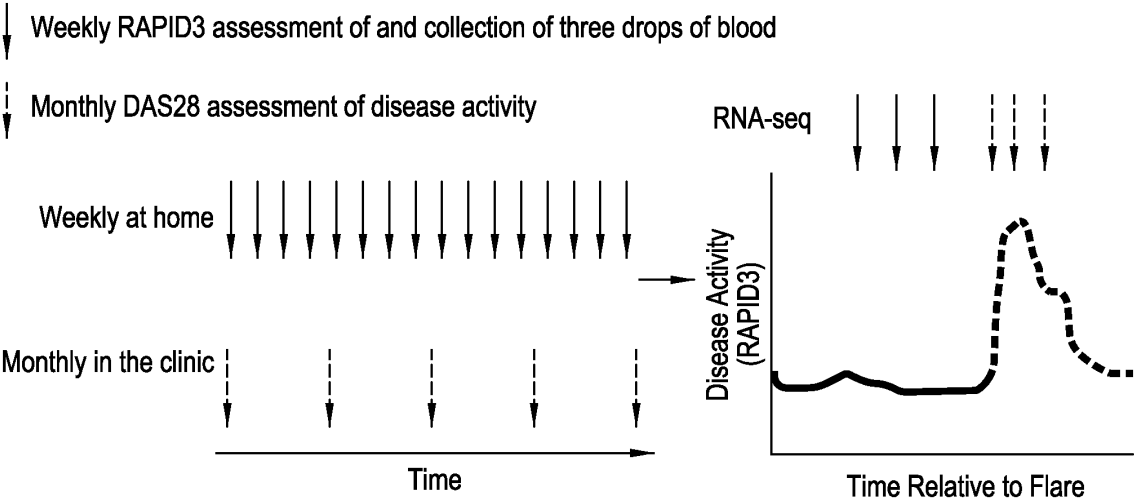


A



B

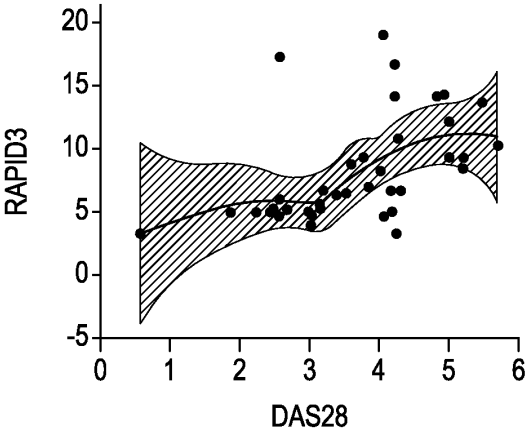


FIG. 1-1

C

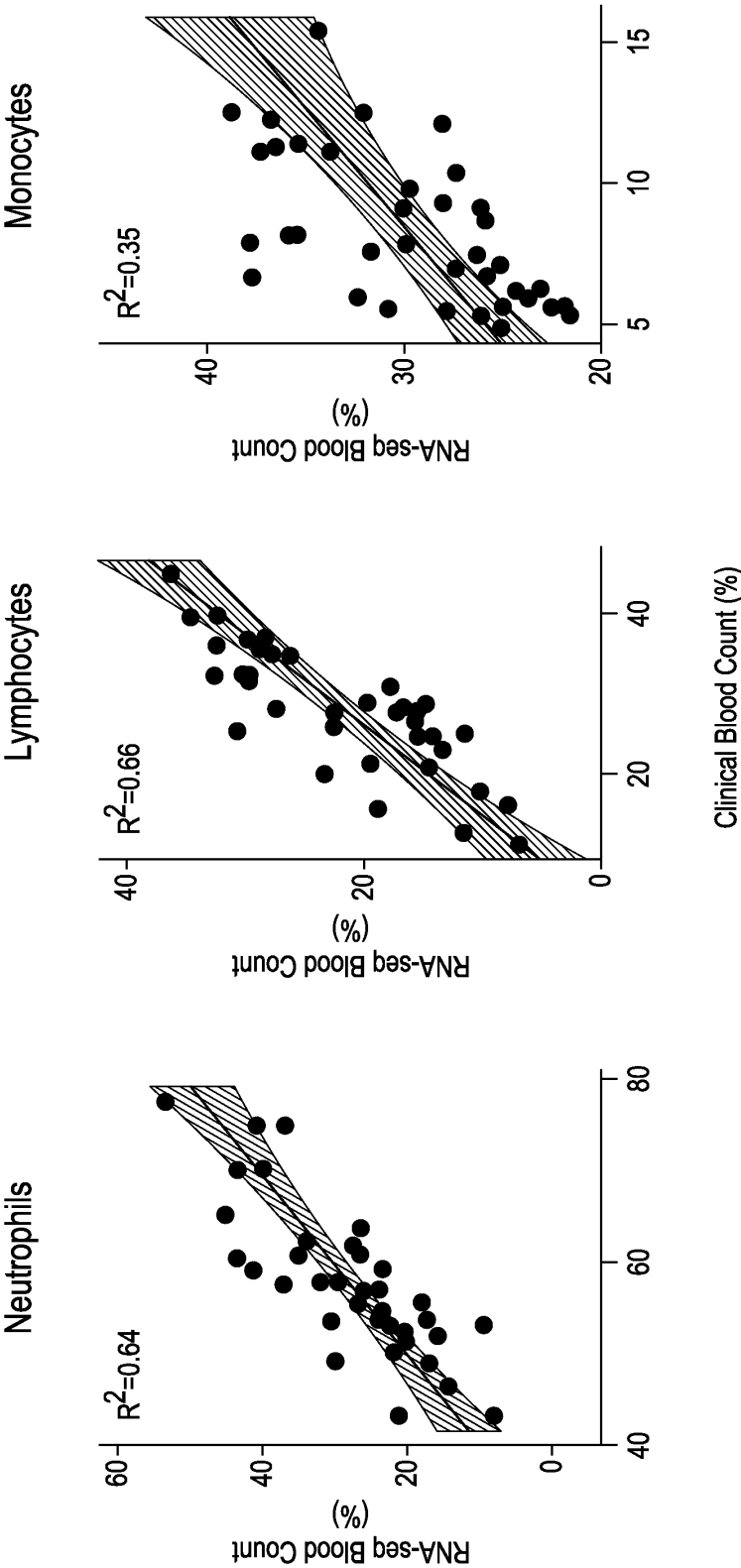


FIG. 1-2

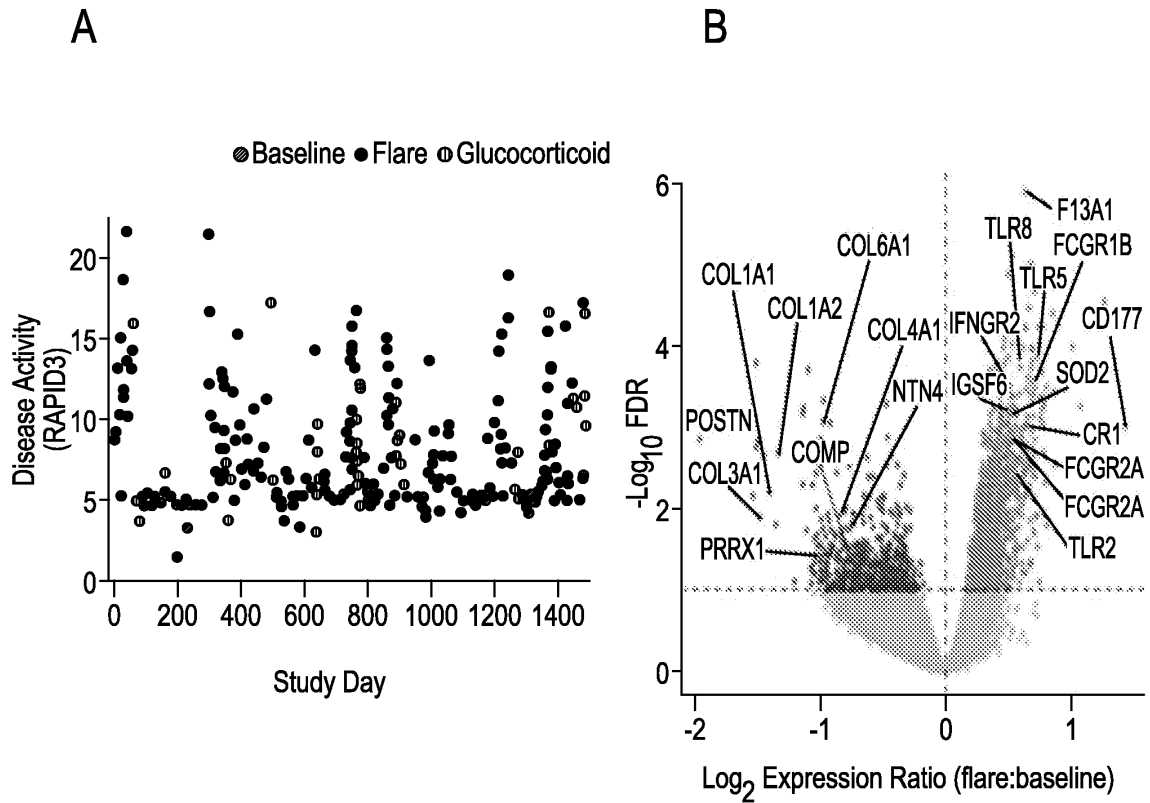


FIG. 2-1

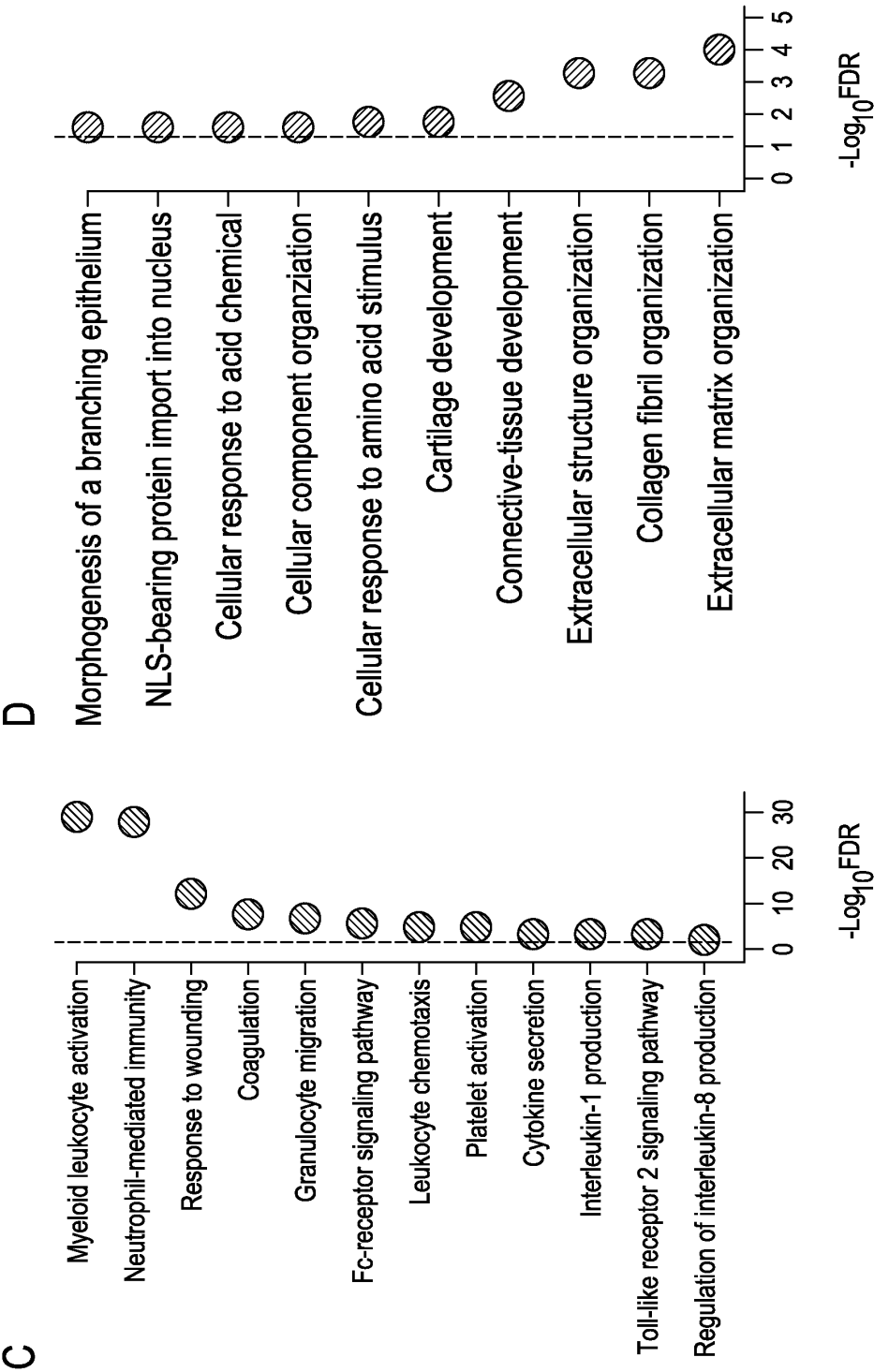


FIG. 2-2

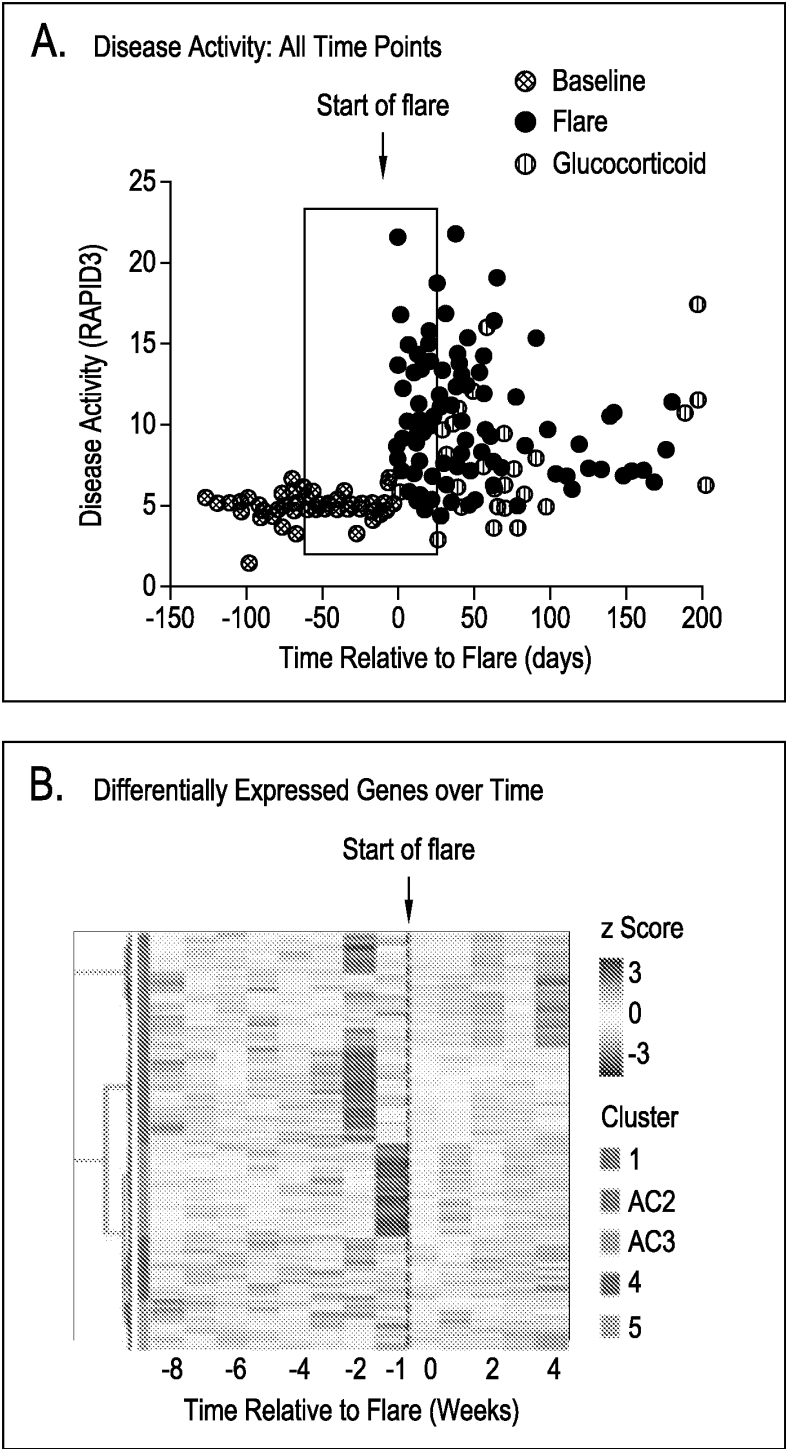


FIG. 3-1

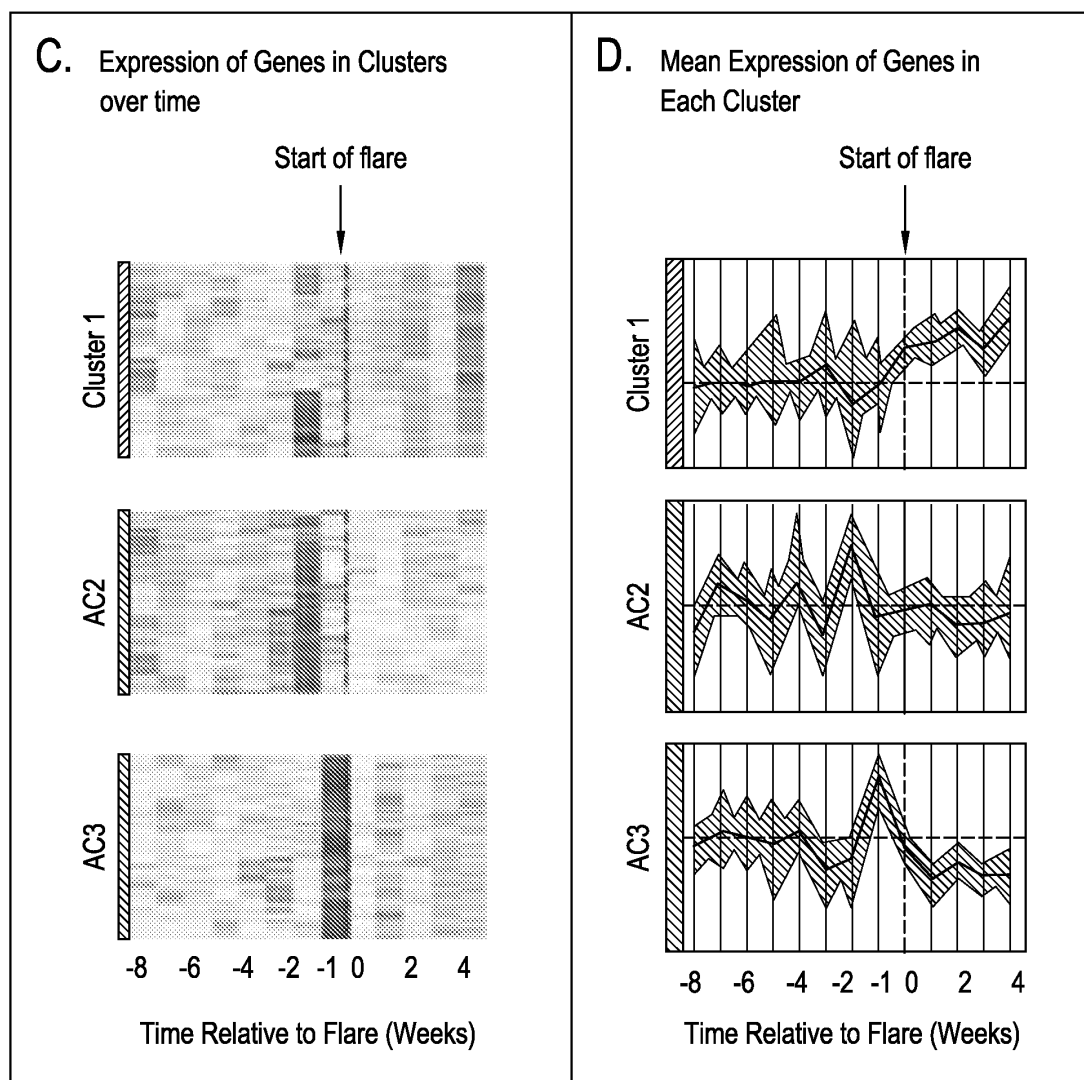


FIG. 3-2

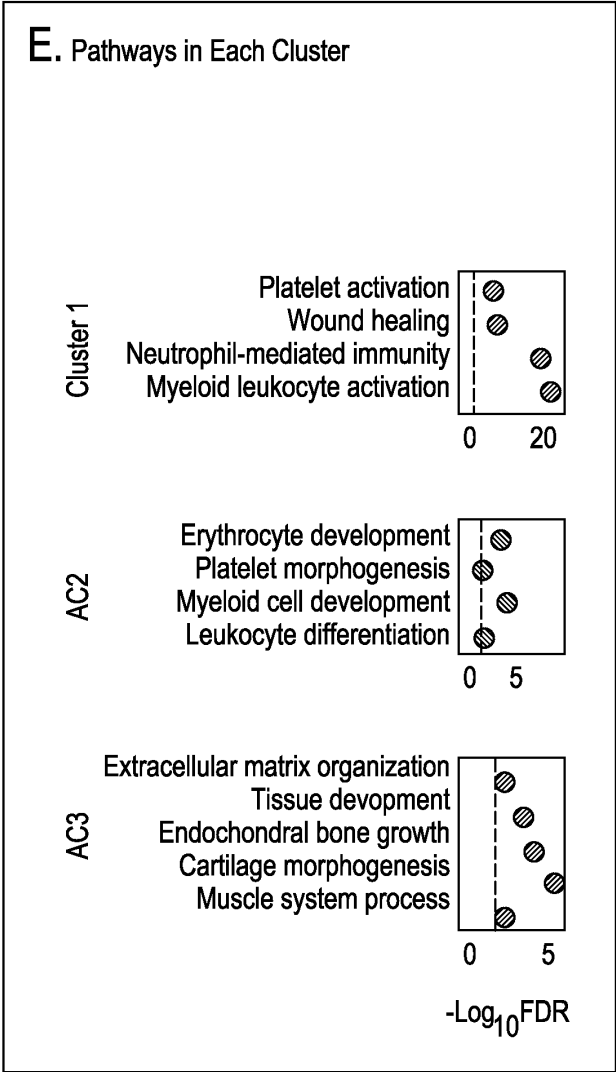
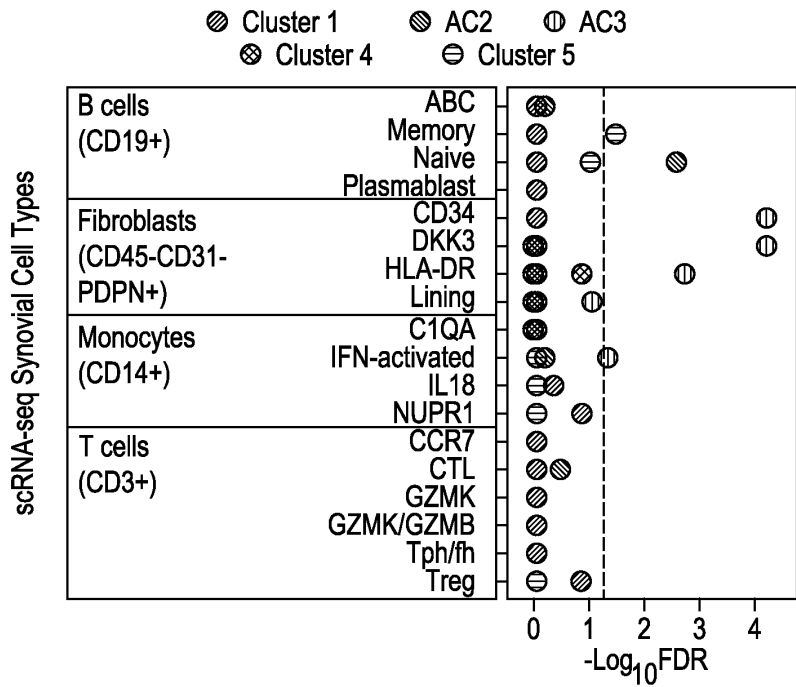


FIG. 3-3

A. Enrichment of AC3 Genes in Synovial Fibroblasts



B. Shared Synovial Fibroblast and AC3 RNAs over time

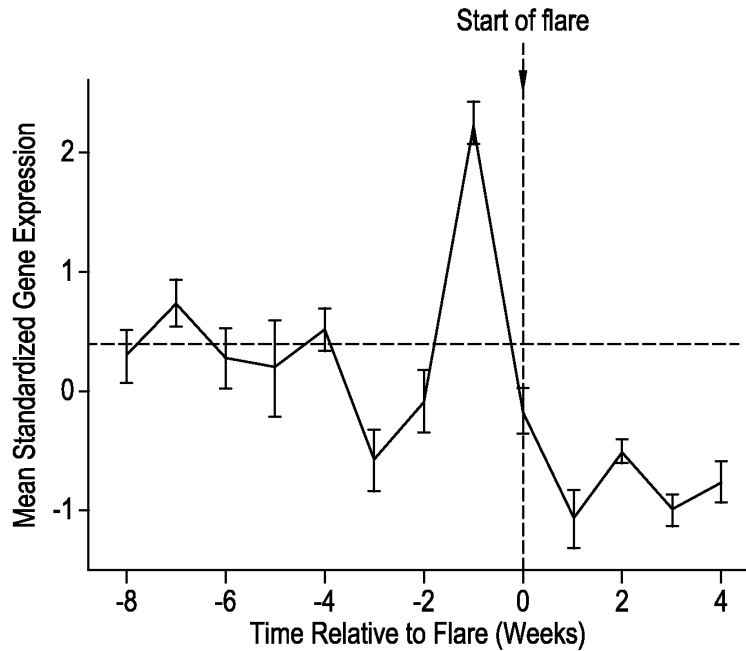
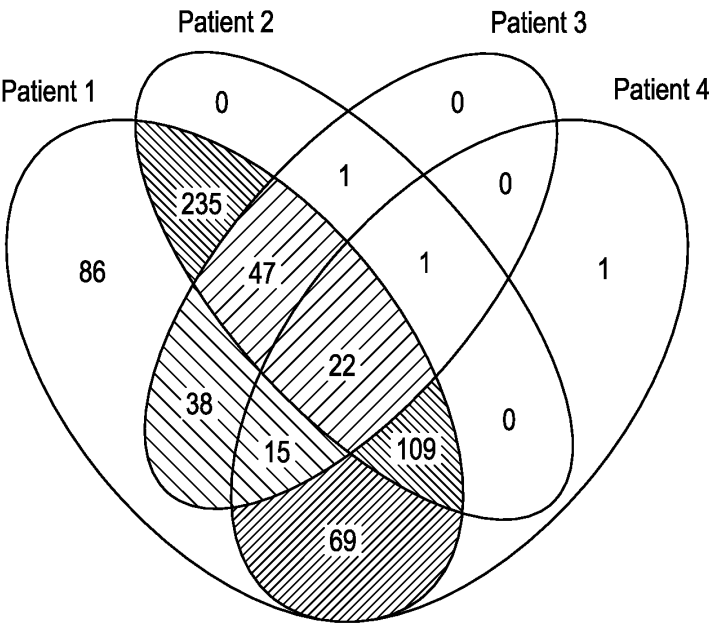


FIG. 4-1

C. AC3 Genes with Decreased Expression during a Flare



D. RA patients harbor circulating PRIME cells

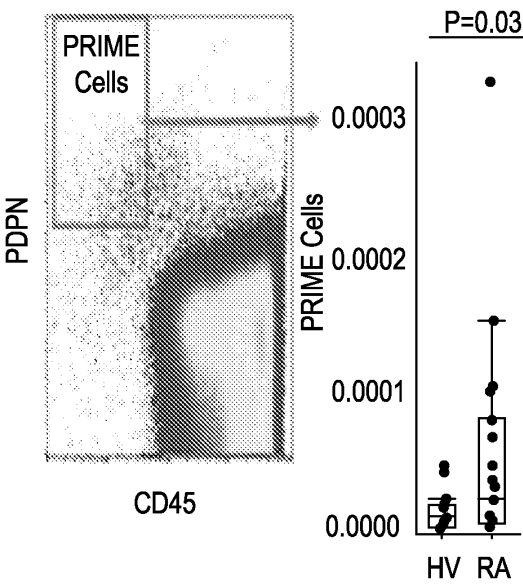


FIG. 4-2

E. PRIME cells are enriched with AC3 genes

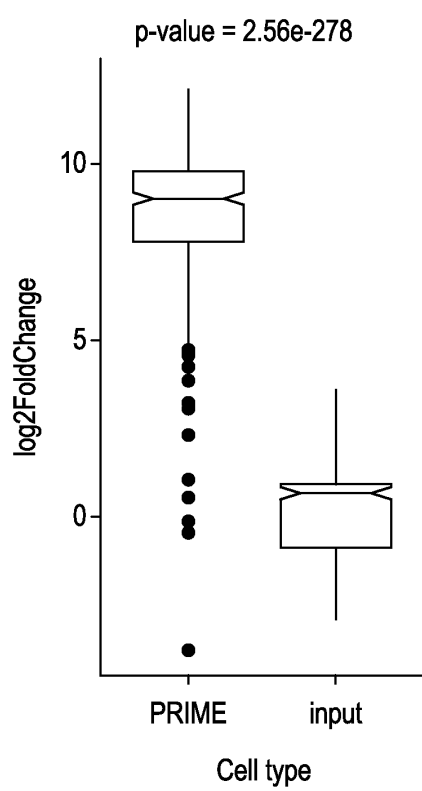


FIG. 4-3

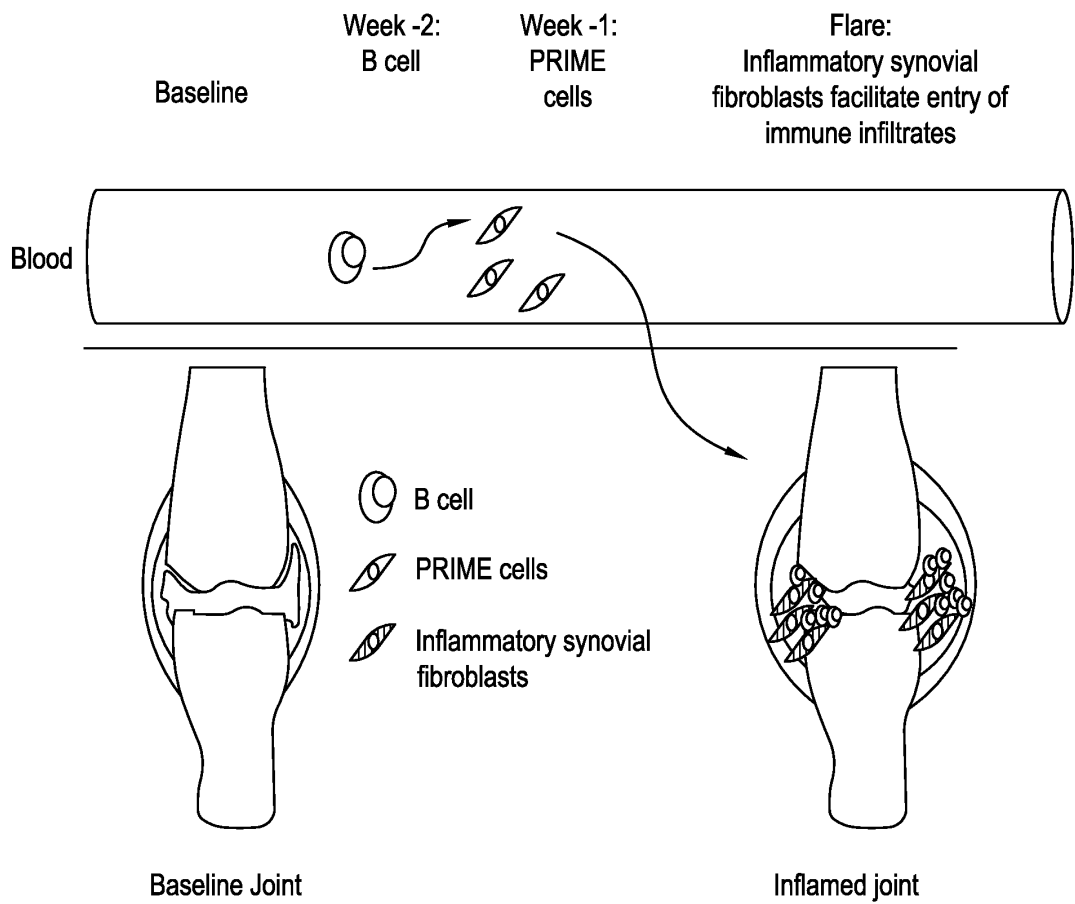


FIG. 5

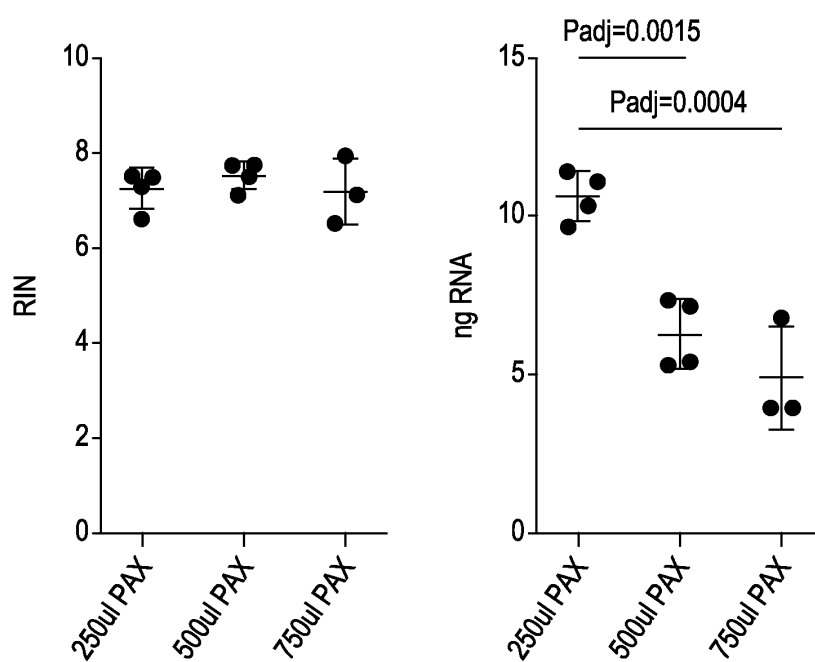


FIG. 6

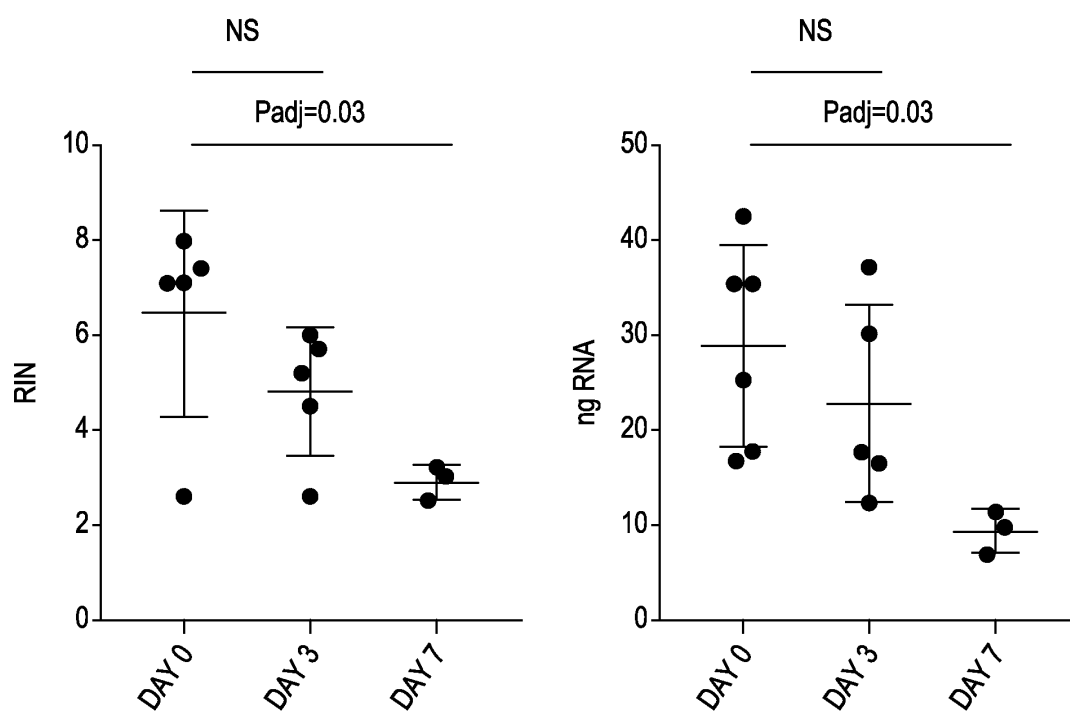


FIG. 7

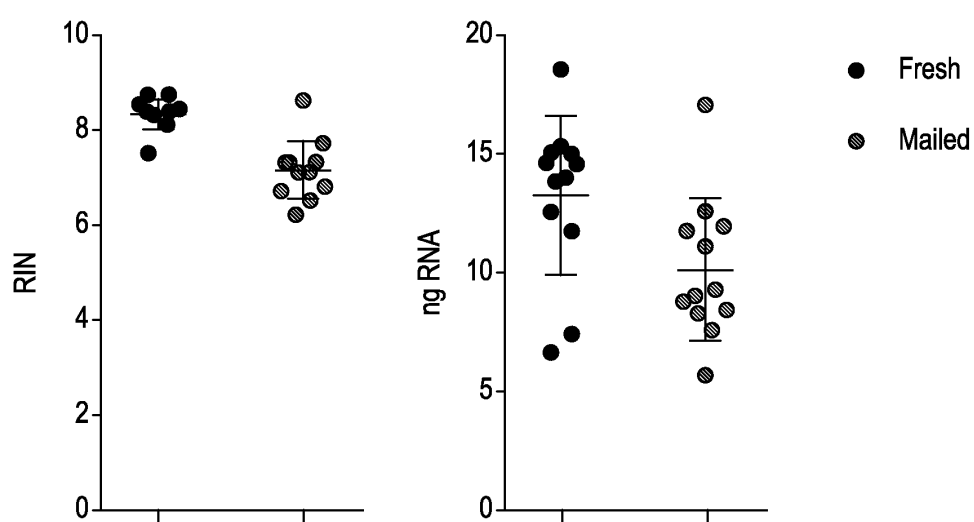


FIG. 8

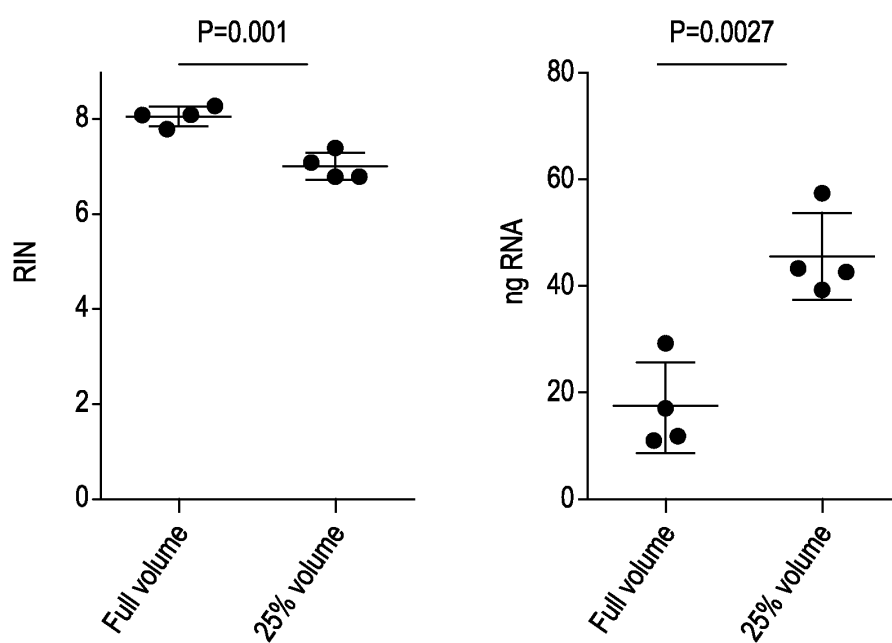


FIG. 9

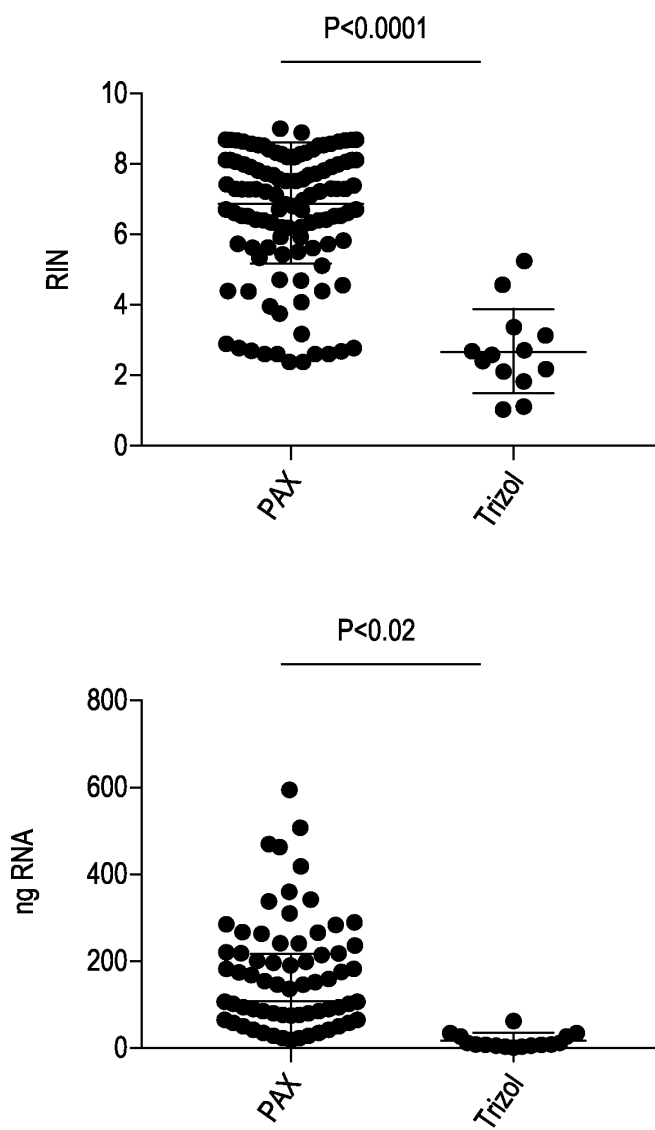


FIG. 10

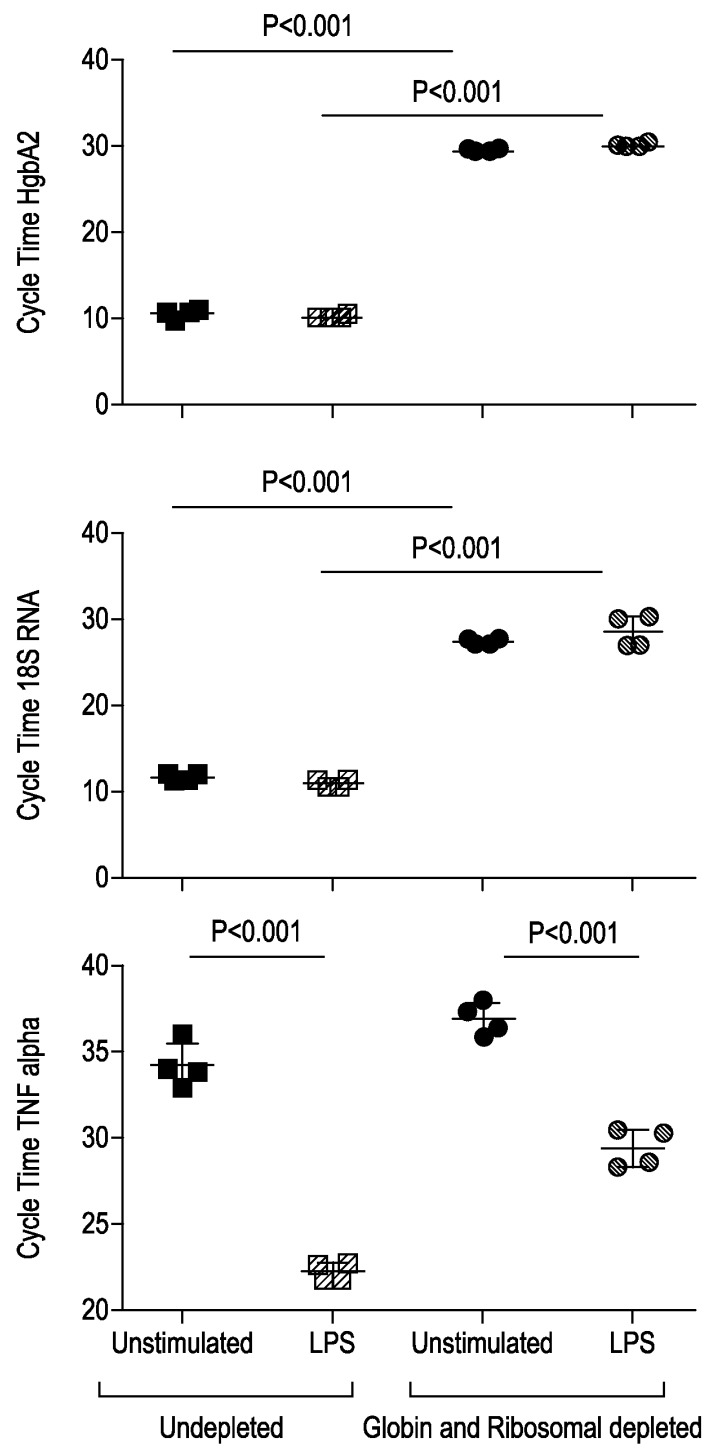


FIG. 11

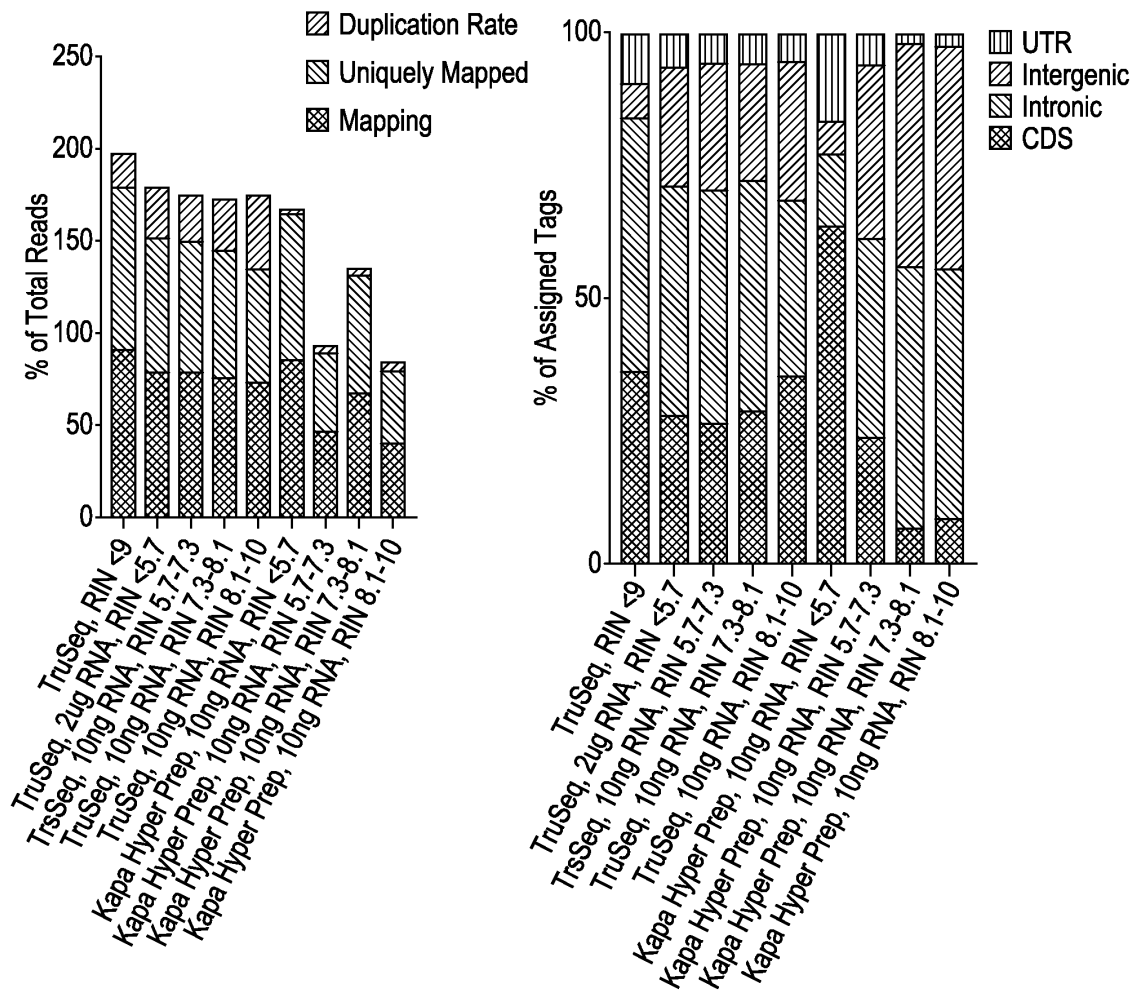


FIG. 12

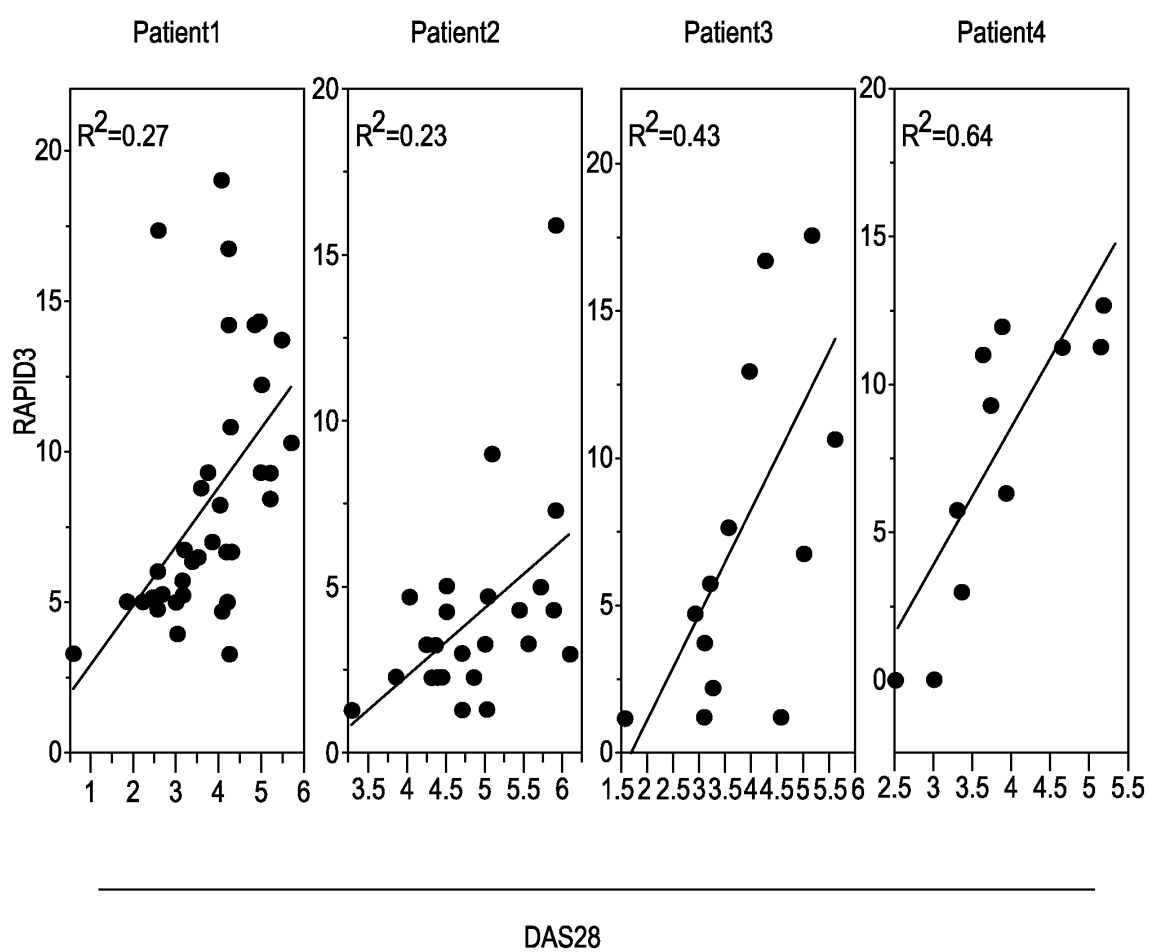


FIG. 13

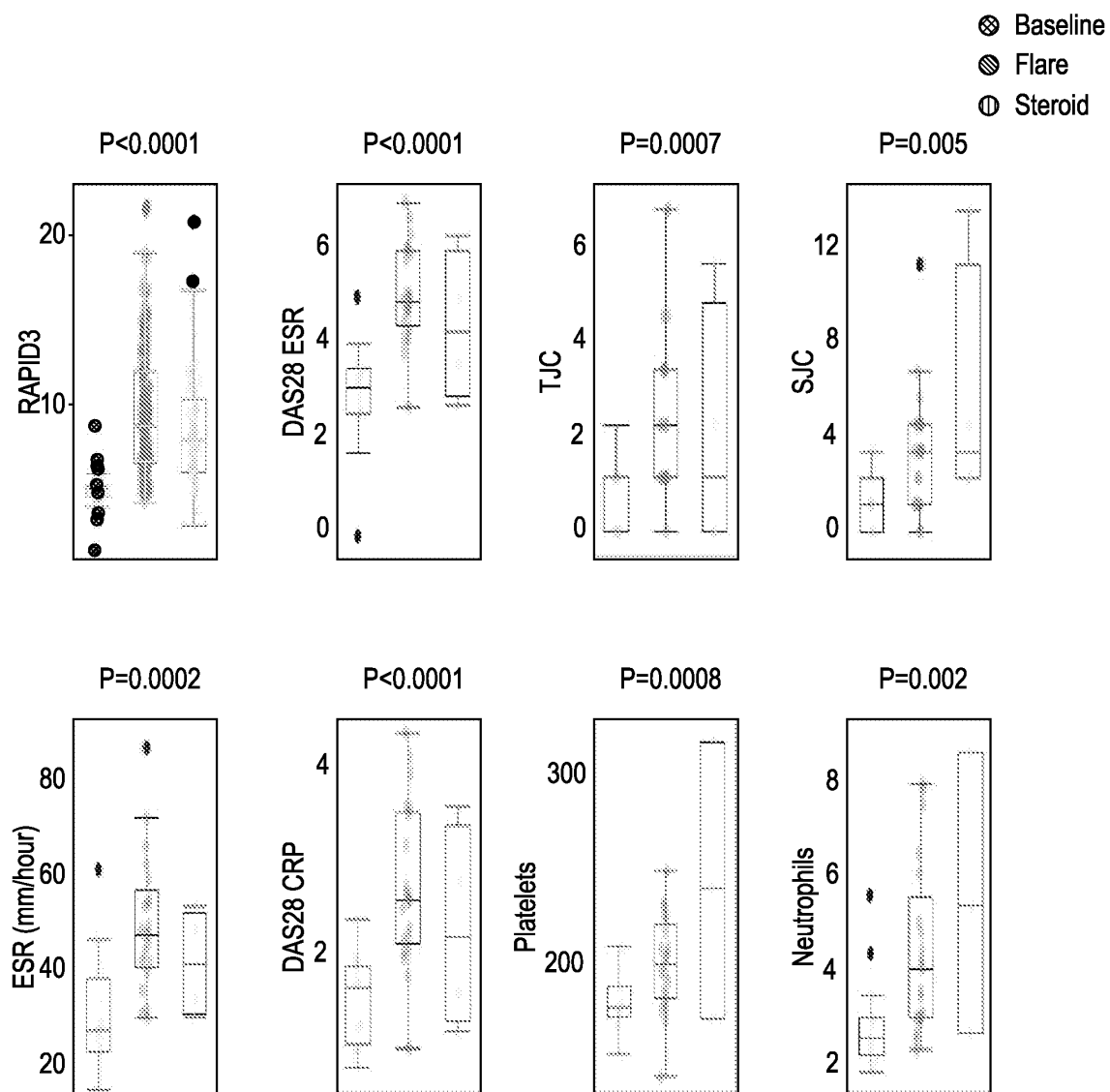


FIG. 14

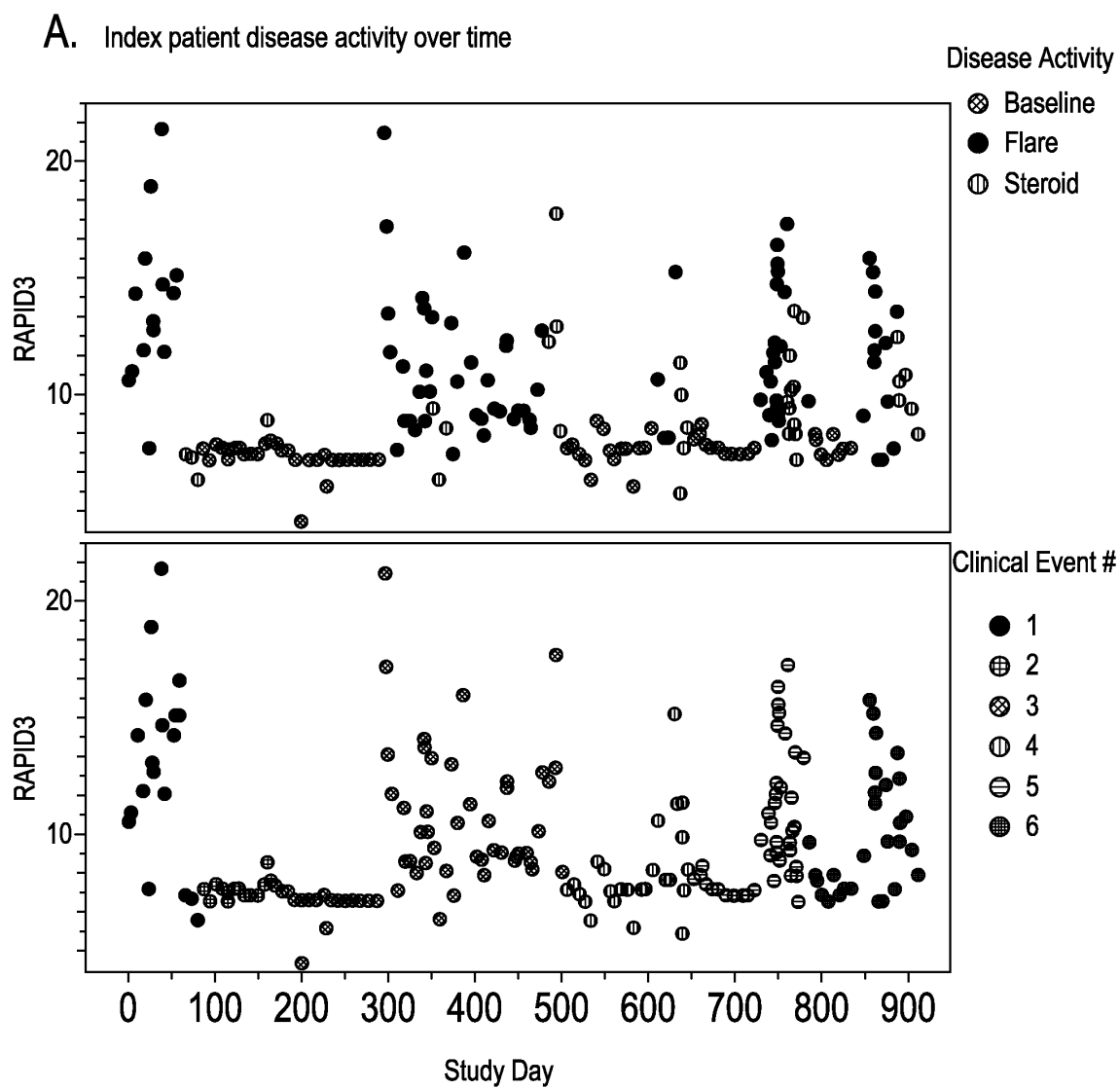


FIG. 15-1

B. Hierarchical clustering of genes differentially expressed during flare vs baseline

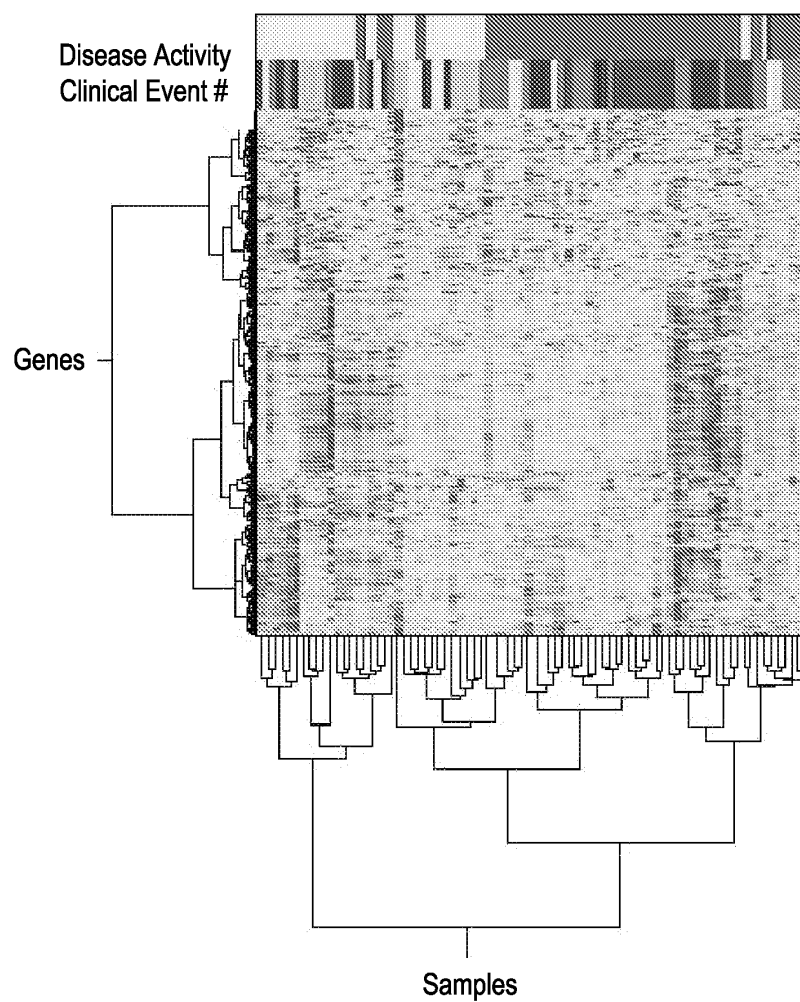


FIG. 15-2

FIG. 16-1

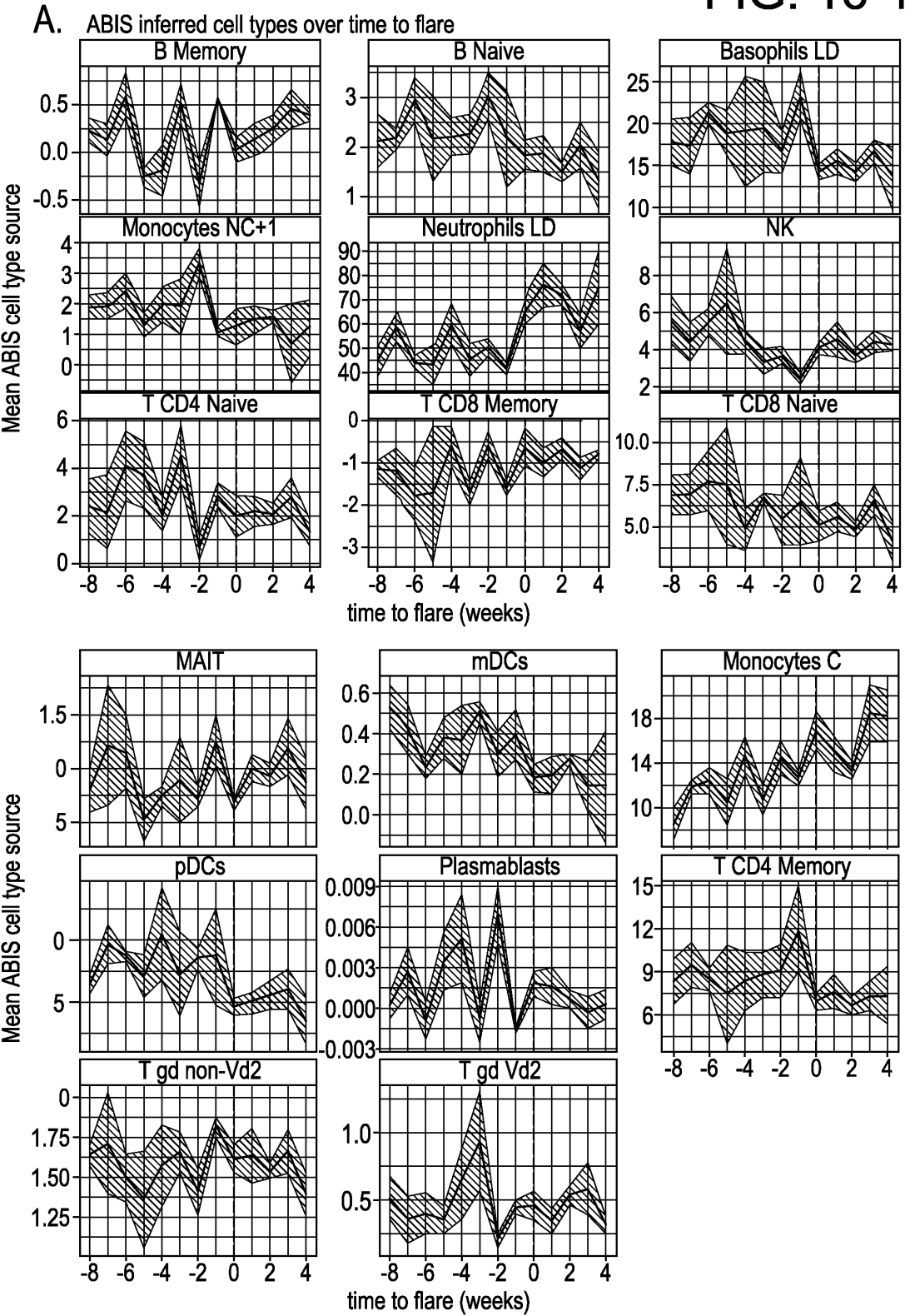
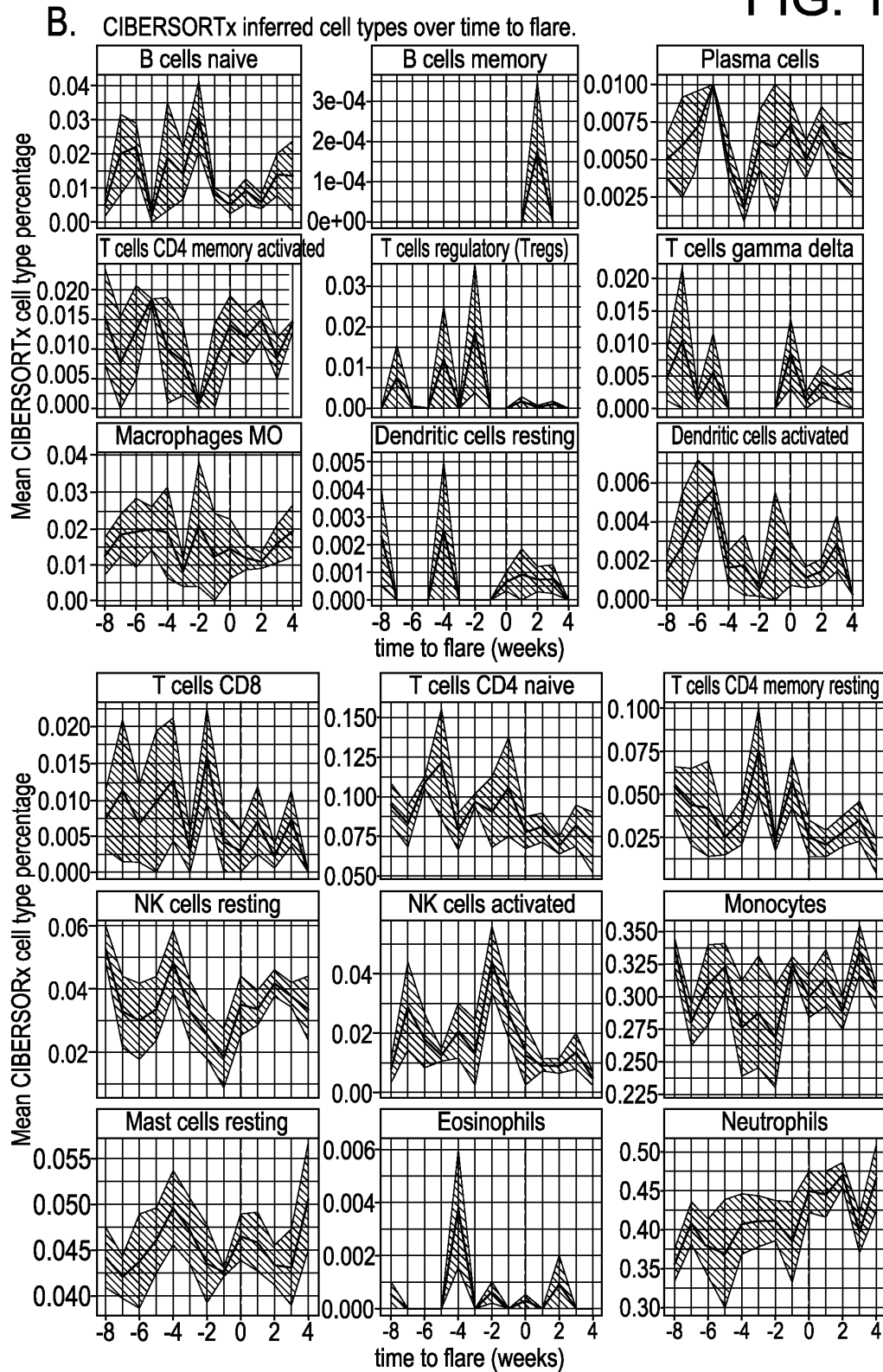


FIG. 16-2



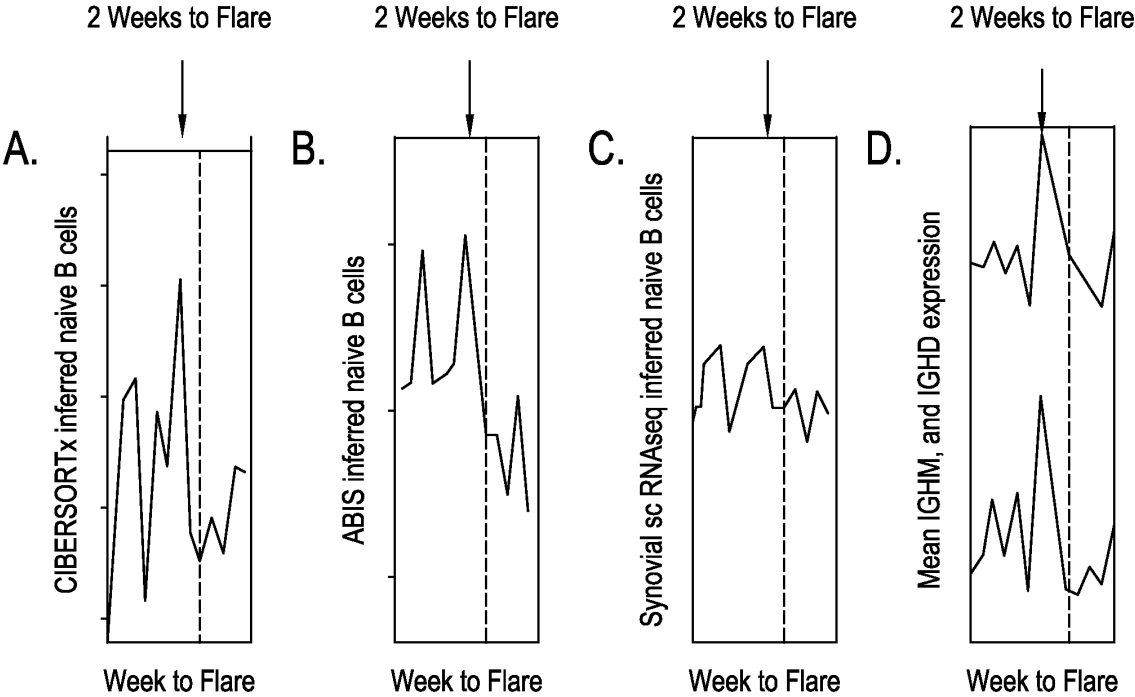
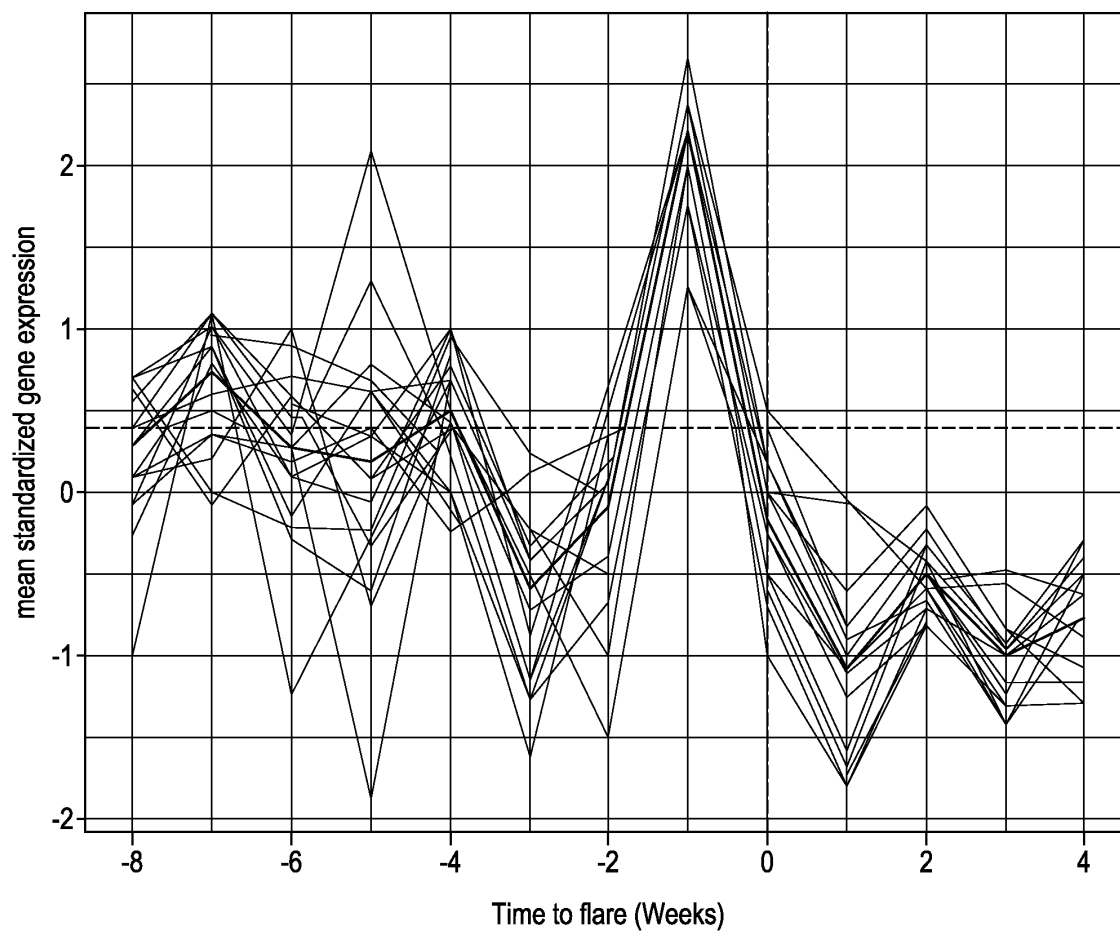
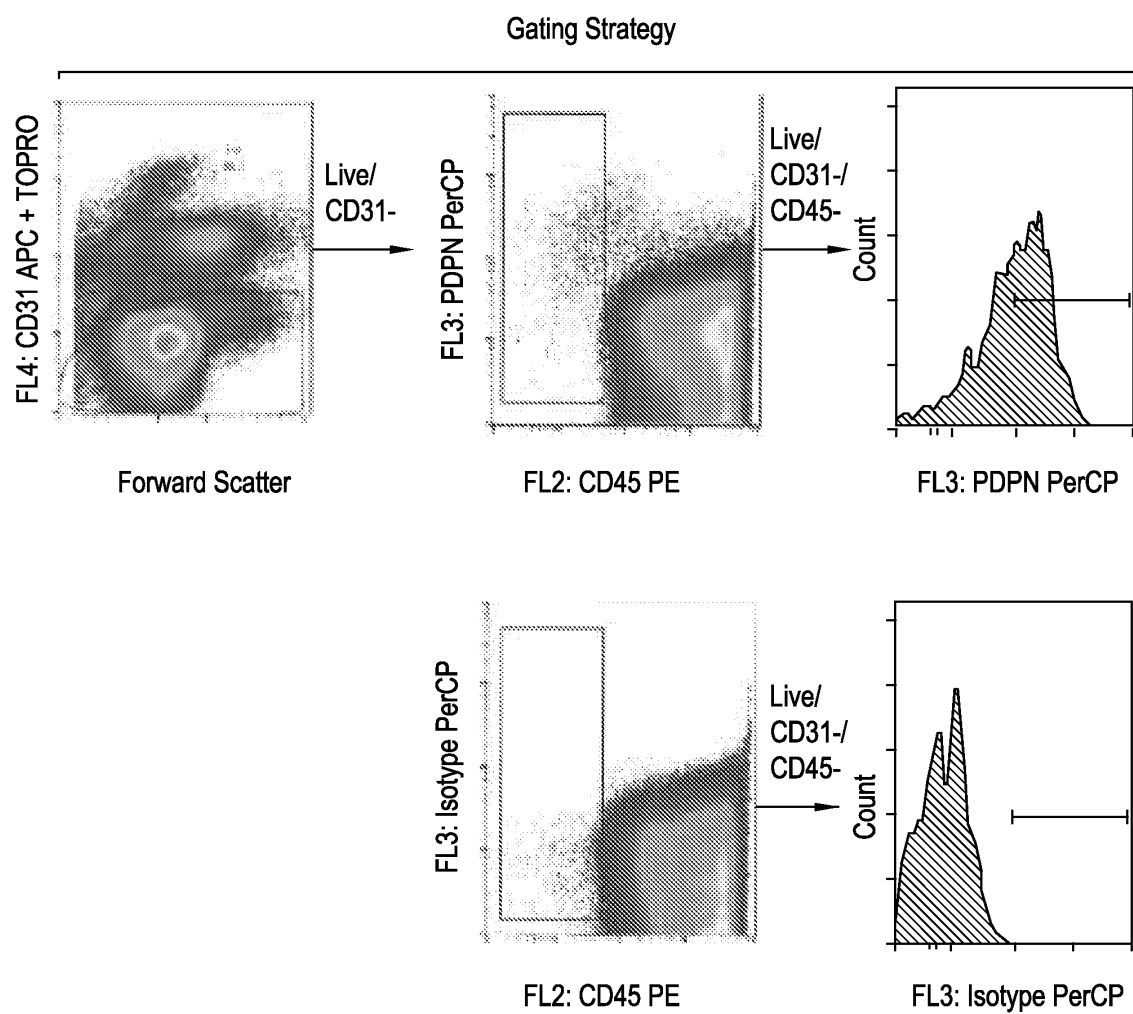


FIG. 17

**FIG. 18**

**FIG. 19**

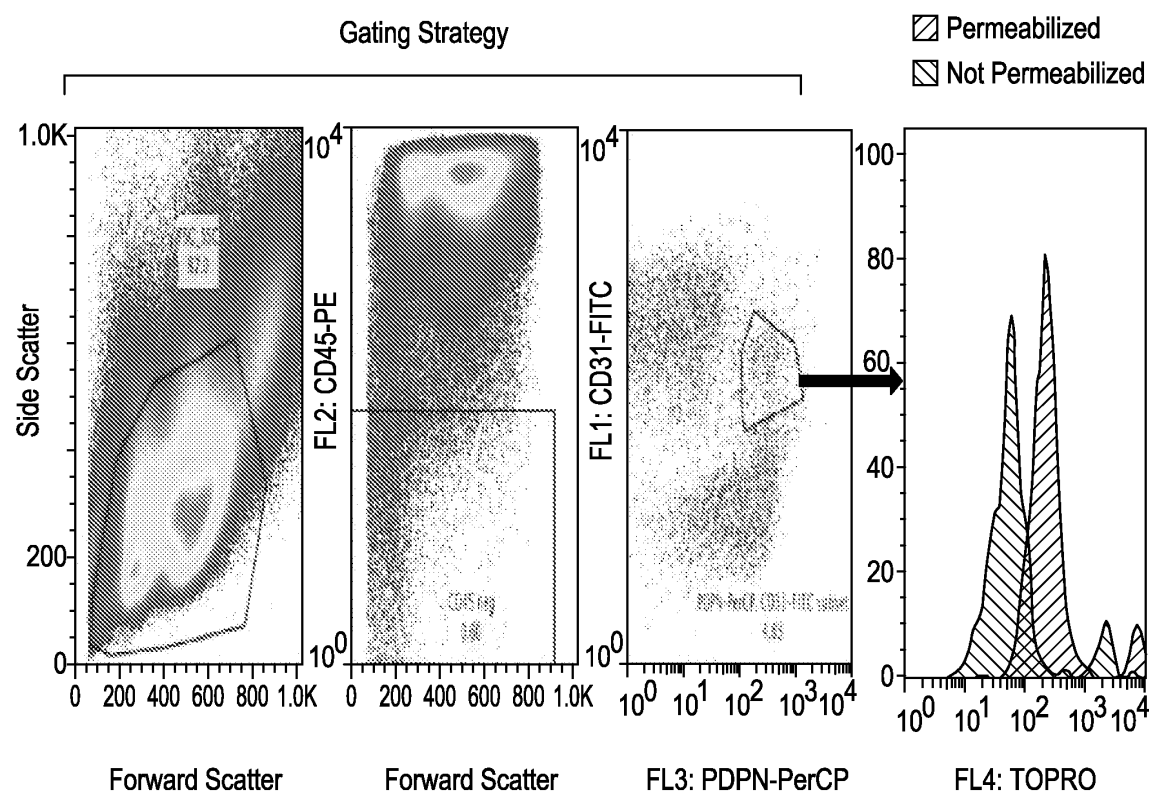


FIG. 20

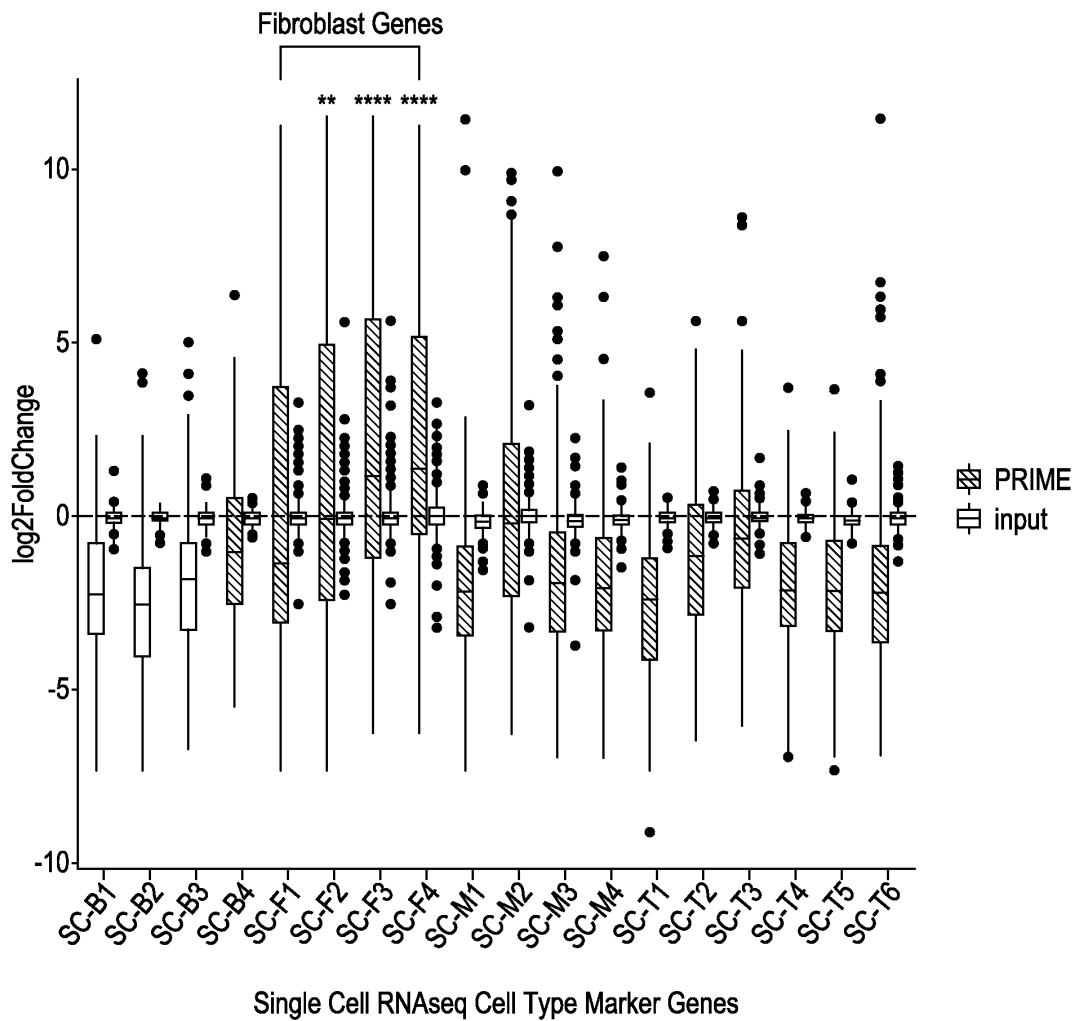


FIG. 21

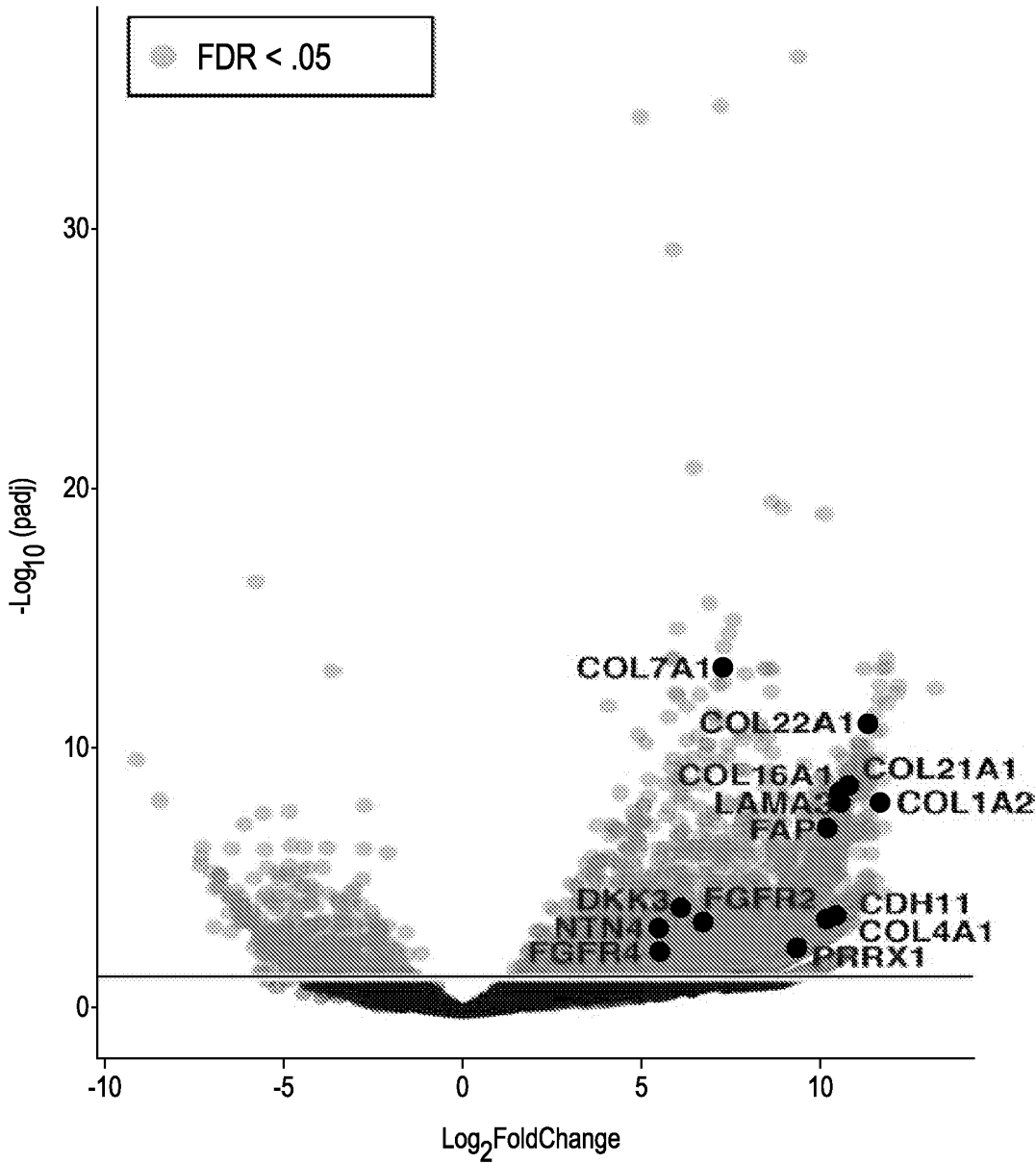
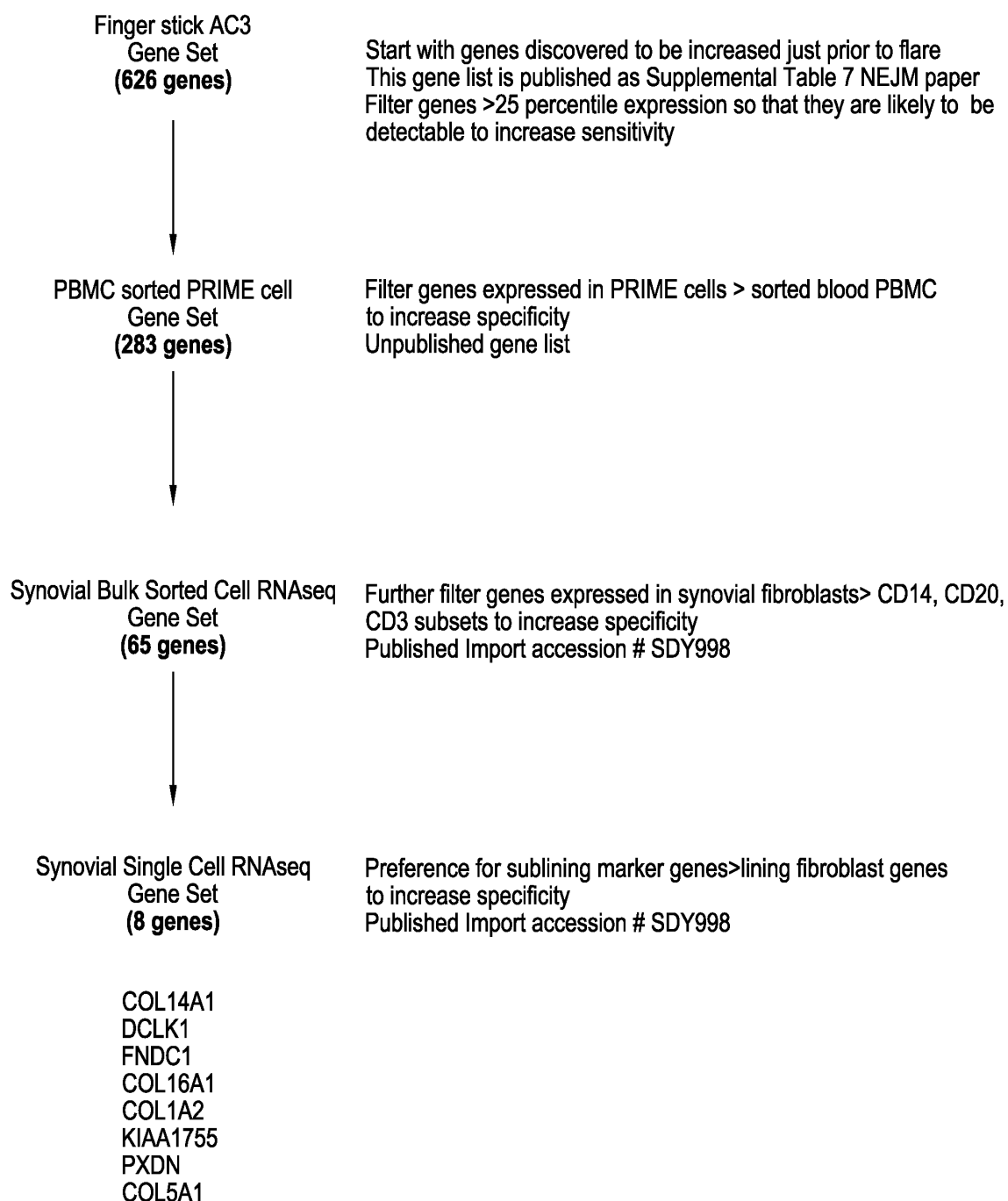


FIG. 22

**FIG. 23**