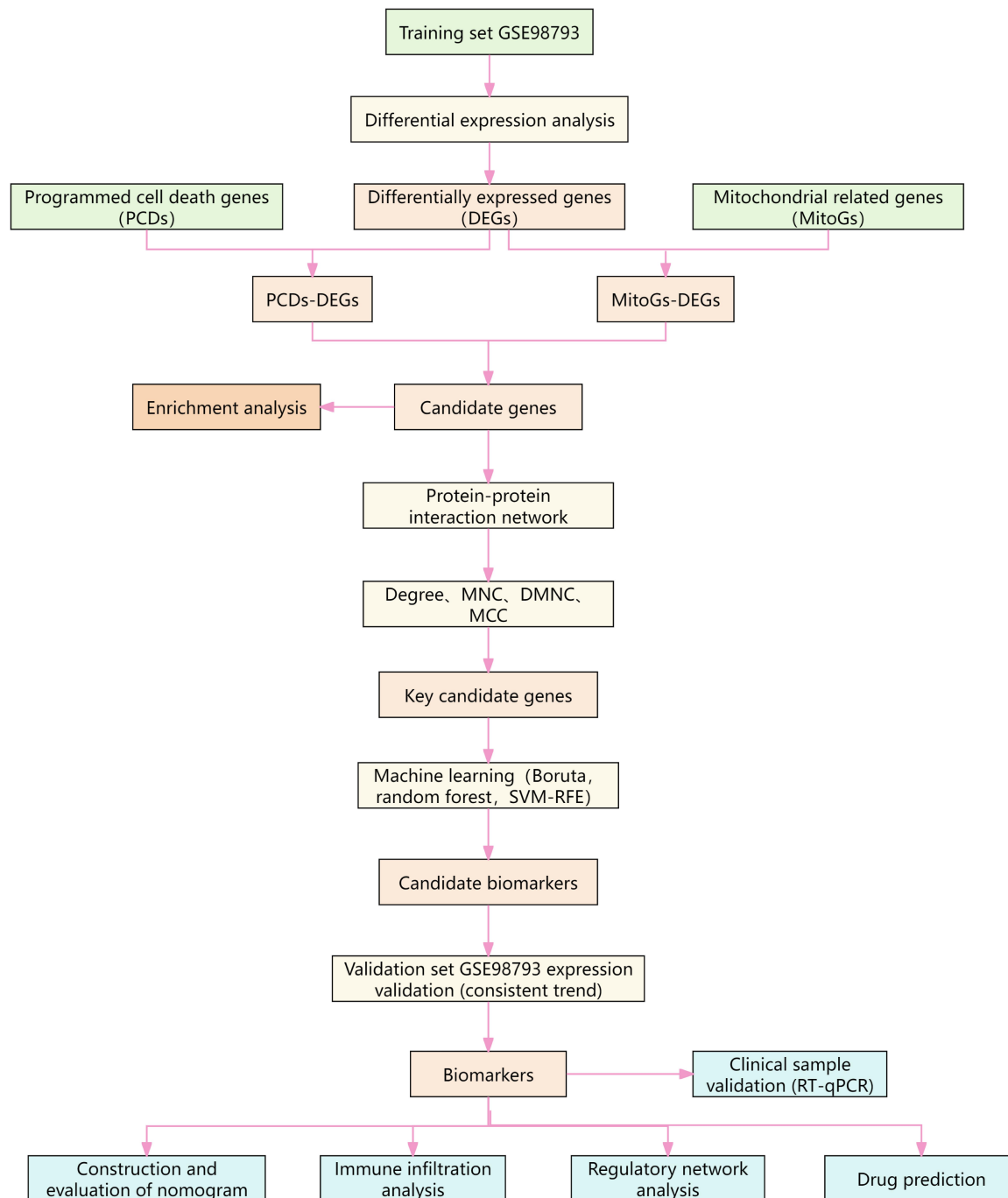


## Supplementary Material

### Supplementary Figures



**Supplementary Figure 1** Flowchart for identifying biomarkers associated with mitochondrial and programmed cell death in major depressive disorder.

## **Supplementary Tables**

**Supplementary Table 1.** Clinical information for the dataset GSE76826.

**Supplementary Table 2.** Clinical information for the dataset GSE98793.

**Supplementary Table 3.** Information on 1,548 programmed cell death genes.

**Supplementary Table 4.** Information on 1,136 mitochondrial related genes.

**Supplementary Table 5.** The information of primer sequences for RT-qPCR.

**Supplementary Table 6.** Information on 55 candidate genes.

**Supplementary Table 7.** Results of GO enrichment analysis.

**Supplementary Table 8.** Results of KEGG enrichment analysis.

**Supplementary Table 9.** Information on 26 key candidate genes.

**Supplementary Table 10.** Results of correlation analysis between differential immune cells.