|  |  |  |  |
| --- | --- | --- | --- |
| **Terms** | **ES** | **NES** | **NOM-p-val** |
| GO LYMPHOCYTE MIGRATIONGO HUMORAL IMMUNE RESPONSE MEDIATED BY CIRCULATING IMMUNOGLOBULINGO LYMPHOCYTE CHEMOTAXISGO LYMPHOCYTE MEDIATED IMMUNITYGO ANTIGEN BINDINGGO CCR CHEMOKINE RECEPTOR BINDINGGO ADAPTIVE IMMUNE RESPONSEGO ADAPTIVE IMMUNE RESPONSE BASED ON SOMATIC RECOMBINATION OF IMMUNE RECEPTORS BUILT FROM IMMUNOGLOBULIN SUPERFAMILY DOMAINSGO PEPTIDE ANTIGEN BINDINGGO B CELL MEDIATED IMMUNITYGO CELLULAR RESPONSE TO INTERFERON GAMMAGO PROTEIN ACTIVATION CASCADEGO B CELL RECEPTOR SIGNALING PATHWAYGO REGULATION OF GLIOGENESISGO DENDRITIC CELL MIGRATIONGO COMPLEMENT ACTIVATIONGO REGULATION OF ACUTE INFLAMMATORY RESPONSEGO REGULATION OF LEUKOCYTE PROLIFERATIONGO REGULATION OF VASCULAR ENDOTHELIAL GROWTH FACTOR PRODUCTIONGO REGULATION OF PROTEIN ACTIVATION CASCADE | 0.80.810.810.640.70.80.60.660.790.70.610.70.760.60.870.770.630.540.790.76 | 2.472.42.362.352.342.342.332.322.242.222.212.22.182.182.172.172.172.152.152.14 | 0.0000.0000.0000.0000.0000.0000.0000.0000.0000.0000.0000.0000.0000.0000.0000.0000.0000.0000.0000.000 |

**Supplymental Table S3:** Top 20 significant GO pathways enriched by DEGs in GSEA.