Overview of immune processes of DEGs in Naïve vs. Terminally CTLs

- T cell differentiation: 42.31% *
- T cell mediated cytotoxicity: 3.85%
- T-helper 1 type immune response: 3.85%
- T cell costimulation: 7.69%
- Regulation of T cell differentiation in thymus: 7.69%
- V(D)J recombination: 11.54%
- T cell receptor signaling pathway: 23.08%
Specific GO terms of immune processes of DEGs in Naïve vs. Terminally CTLs

- T cell mediated cytotoxicity: 3 genes
- T-helper 1 type immune response: 3 genes
- Regulation of T cell costimulation: 3 genes
- Somatic diversification of immune receptors via germline recombination within: 3 genes
- V(D)J recombination: 14 genes
- Immune response-regulating cell surface receptor signaling pathway: 14 genes
- Regulation of antigen receptor-mediated signaling pathway: 12 genes
- T cell receptor signaling pathway: 5 genes
- Regulation of T helper cell differentiation: 3 genes
- Positive regulation of T-helper cell differentiation: 6 genes
- T-helper cell differentiation: 6 genes
Overview of immune processes of DEGs in Naïve vs. Intermediate CTLs

- V(D)J recombination 55.17%
- T cell mediated cytotoxicity 3.45%
- T cell differentiation in thymus 3.45%
- Macrophage activation 3.45%
- T cell differentiation 17.24%
- Regulation of T cell receptor signaling pathway 17.24%
Specific GO terms of immune processes of DEGs in Naïve vs. Intermediate CTLs

- T cell mediated cytotoxicity
- T cell differentiation in thymus
- Macrophage activation
- T cell activation
- Lymphocyte differentiation
- Alpha-beta T cell activation
- T cell differentiation
- Alpha-beta T cell differentiation
- Immune response-activating cell surface receptor signaling pathway
- Antigen receptor-mediated signaling pathway
- Regulation of antigen receptor-mediated signaling pathway
- T cell receptor signaling pathway
- Regulation of T cell receptor signaling pathway
- Somatic diversification of immune receptors via germline recombination
- V(D)J recombination
- Lymphocyte differentiation_1
- Alpha-beta T cell activation_1
- Somatic diversification of T cell receptor genes
- T cell differentiation_1
- CD4-positive, alpha-beta T cell activation
- Somatic recombination of T cell receptor gene segments
- Alpha-beta T cell activation involved in immune response
- T cell differentiation involved in immune response
- Alpha-beta T cell differentiation involved in immune response
- T cell receptor V(D)J recombination
- Alpha-beta T cell differentiation involved in immune response
- CD4-positive, alpha-beta T cell differentiation
- CD4-positive, alpha-beta T cell differentiation involved in immune response
- T-helper cell differentiation

%Genes / Term

0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62

- Specific GO terms of immune processes of DEGs in Naïve vs. Intermediate CTLs
Overview of immune processes of DEGs in Intermediate vs. Terminally CTLs

- T cell differentiation 90.0%
- Somatic diversification of immune receptors via germline recombination within a single locus 1.67%
- T cell migration 1.67%
- Dendritic cell differentiation 6.67%
Specific GO terms of immune processes of DEGs in Intermediate vs. Terminally CTLs

- somatic diversification of immune receptors via germ-line
- T cell migration
- myeloid dendritic cell activation
- myeloid leukocyte differentiation
- myeloid dendritic cell differentiation
- T cell activation
- leukocyte activation involved in immune response
- lymphocyte mediated immunity
- adaptive immune response based on somatic diversification
- regulation of leukocyte mediated immunity
- regulation of adaptive immune response
- hematopoiesis
- regulation of lymphocyte activation
- lymphocyte costimulation
- natural killer cell mediated immunity
- lymphocyte activation involved in immune response
- negative regulation of leukocyte mediated immunity
- positive regulation of adaptive immune response
- positive regulation of lymphocyte activation
- positive regulation of hemopoiesis
- T cell mediated immunity
- myeloid leukocyte differentiation
- regulation of lymphocyte mediated immunity
- regulation of adaptive immune response based on somatic diversification
- lymphocyte differentiation
- T-helper 1 type immune response
- alpha-beta T cell activation
- regulation of T cell activation
- regulation of lymphocyte differentiation
- T cell costimulation
- T cell selection
- regulation of leukocyte differentiation
- regulation of lymphocyte-mediated immunity
- regulation of adaptive immune response based on somatic diversification
- neutrophil chemotaxis
- positive regulation of T cell activation
- positive regulation of leukocyte differentiation
- immune response-activating cell surface receptor signaling pathway
- regulation of T cell mediated immunity
- CD4-positive, alpha-beta T cell activation
- regulation of alpha-beta T cell activation
- alpha-beta T cell activation involved in immune response
- positive regulation of T-helper 1 type immune response
- positive regulation of lymphocyte differentiation
- positive regulation of alpha-beta T cell activation
- antigen receptor-mediated signaling pathway
- T cell differentiation involved in immune response
- T cell differentiation in thymus
- regulation of T cell differentiation
- alpha-beta T cell differentiation
- positive regulation of T cell differentiation
- T cell receptor signaling pathway
- alpha-beta T cell differentiation involved in immune response
- CD4-positive, alpha-beta T cell differentiation
- CD4-positive, alpha-beta T cell differentiation involved in immune response
- T-helper 2 cell differentiation
- T-helper 1 cell differentiation
- regulation of alpha-beta T cell activation
Overview of immune processes of DEGs in Terminally vs. Naive CTLs

% terms per group

- lymphocyte activation involved in immune response: 42.39%
- natural killer cell activation: 1.09%
- erythrocyte differentiation: 1.09%
- response to interferon-gamma: 2.17%
- immune response-activating cell surface receptor signaling pathway: 6.52%
- mast cell activation: 7.61%
- positive regulation of leukocyte activation: 8.7%
- myeloid leukocyte mediated immunity: 8.7%
- negative regulation of immune response: 21.74%
Specific GO terms of immune processes of DEGs in Terminally vs. Naive CTLs

- natural killer cell activation
- erythrocyte differentiation
- response to interferon-gamma
- cellular response to interferon-gamma
- immune response-regulating signaling pathway
- immune response-regulating signal transduction
- immune response-regulating cell surface receptor signal...
- immune response-activating cell surface receptor signal...
- antigen receptor-mediated signaling pathway
- T cell receptor signaling pathway
- positive regulation of immune effector process
- myeloid leukocyte-mediated immunity
- regulation of leukocyte-mediated immunity
- mast cell activation
- positive regulation of leukocyte-mediated immunity
- neutrophil migration
- neutrophil chemotaxis
- positive regulation of leukocyte activation
- positive regulation of immune effector process_1
- positive regulation of leukocyte-mediated immunity_1
- regulation of T cell activation
- regulation of lymphocyte differentiation
- positive regulation of lymphocyte differentiation
- regulation of T cell differentiation
- positive regulation of T cell differentiation
- positive regulation of leukocyte migration
- myeloid leukocyte-mediated immunity_1
- regulation of leukocyte chemotaxis
- granulocyte migration
- positive regulation of leukocyte chemotaxis
- granulocyte chemotaxis
- neutrophil migration_1
- neutrophil chemotaxis
- leukocyte activation involved in immune response
- positive regulation of leukocyte activation
- positive regulation of immune effector process
- negative regulation of immune response
- myeloid leukocyte-mediated immunity
- positive regulation of immune response
- adaptive immune response based on somat...
- regulation of leukocyte-mediated immunity
- regulation of adaptive immune response
- mast cell activation
- positive regulation of leukocyte-mediated immunity_2
- regulation of cytokine production involved in immu...
- positive regulation of adaptive immune response
- T cell-mediated immunity
- regulation of lymphocyte-mediated immunity
- regulation of adaptive immune response
- B cell-mediated immunity
- positive regulation of lymphocyte-mediated immunity
- positive regulation of adaptive immune response
- positive regulation of adaptive immune response
- immunoglobulin-mediated immune response
- leukocyte activation involved in immune response
- positive regulation of leukocyte activation
- positive regulation of immune effector process
- positive regulation of T cell activation
- positive regulation of immune effector process
- positive regulation of T cell activation
- T cell activation
- regulation of hemopoiesis
- lymphocyte activation involved in immune response
- negative regulation of lymphocyte activation
- negative regulation of hemopoiesis
- positive regulation of hemopoiesis
- leucocyte differentiation
- lymphocyte differentiation
- myeloid cell differentiation
- regulation of myeloid cell differentiation
- alpha-beta T cell activation
- regulation of T cell activation
- regulation of leukocyte differentiation
- T cell activation involved in immune response
- positive regulation of myeloid differentiation
- negative regulation of T cell activation
- negative regulation of leukocyte differentiation
- positive regulation of leukocyte differentiation
- myeloid leukocyte differentiation
- T cell differentiation
- CD4-positive, alpha-beta T cell activation
- regulation of lymphocyte differentiation
- regulation of alpha-beta T cell activation
- regulation of alpha-beta T cell activation
- regulation of lymphocyte differentiation
- T cell activation involved in immune response
- positive regulation of lymphocyte differentiation
- CD4-positive, alpha-beta T cell differentiation involved in immu...
- alpha-beta T cell differentiation involved in immune response
- positive regulation of lymphocyte differentiation
- CD4-positive, alpha-beta T cell differentiation
- regulation of alpha-beta T cell differentiation
- CD4-positive, alpha-beta T cell differentiation involved in immu...
- T helper cell differentiation
Overview of immune processes of DEGs in Intermediate vs. Naive CTLs

% terms per group

- T cell differentiation involved in immune response 27.69%
- T cell cytokine production 27.69%
- T cell differentiation 23.08%
- Alpha-beta T cell activation 6.15% *
- Neutrophil migration 6.15%
- Antigen receptor-mediated signaling pathway 4.62%
- Response to interferon-gamma 3.08%
- Negative regulation of T cell activation 1.54%
Specific GO terms of immune processes of DEGs in Intermediate vs. Naive CTLs
Overview of immune processes of DEGs in Terminally vs. Intermediate CTLs

- Regulation of lymphocyte differentiation 70.0% **
- T cell cytokine production 5.0%
- Erythrocyte differentiation 5.0% *
- Negative regulation of cytokine production involved in immune response 10.0%
- Natural killer cell differentiation 10.0% *

% terms per group
Specific GO terms of immune processes of DEGs in Terminally vs. Intermediate CTLs

- T cell cytokine production
- erythrocyte differentiation
- negative regulation of production of molecular mediator of immune response
- negative regulation of cytokine production involved in immune response
- natural killer cell activation
- natural killer cell differentiation
- positive regulation of hemopoiesis
- regulation of leukocyte differentiation
- negative regulation of leukocyte differentiation
- positive regulation of leukocyte differentiation
- regulation of lymphocyte differentiation
- negative regulation of lymphocyte differentiation
- positive regulation of lymphocyte differentiation
- regulation of alpha-beta T cell activation
- negative regulation of T cell differentiation
- positive regulation of T cell differentiation
- regulation of alpha-beta T cell differentiation
- regulation of CD4-positive, alpha-beta T cell differentiation
- regulation of CD4-positive, alpha-beta T cell differentiation
Overview of immune processes of DEGs in Naïve_ConA

- Lymphocyte differentiation 51.28% *
- Regulation of T cell activation 28.21% **
- T cell activation 10.26% **
- Negative regulation of lymphocyte activation 5.13% *
- T cell cytokine production 2.56%
- Lymphocyte chemotaxis 2.56%
### Specific GO terms of immune processes of DEGs in Naïve_ConA

| Term                                                                 | #Genes / Term |
|----------------------------------------------------------------------|---------------|
| lymphocyte chemotaxis                                               | 7.69%         |
| T cell cytokine production                                          | 7.69%         |
| negative regulation of lymphocyte activation                       | 4.65%         |
| negative regulation of T cell activation                            | 4.41%         |
| T cell activation                                                   | 4.55%         |
| regulation of T cell activation                                     | 4.07%         |
| positive regulation of T cell activation                            | 4.65%         |
| regulation of T cell proliferation                                  | 4.65%         |
| alpha-beta T cell activation                                        | 5.33%         |
| regulation of T cell activation_1                                   | 4.55%         |
| positive regulation of T cell activation_1                          | 4.65%         |
| regulation of B cell mediated immunity                              | 4.65%         |
| regulation of T cell proliferation_1                                 | 4.65%         |
| alpha-beta T cell proliferation                                     | 4.65%         |
| regulation of alpha-beta T cell activation                          | 4.65%         |
| positive regulation of alpha-beta T cell activation                 | 4.65%         |
| regulation of alpha-beta T cell proliferation                       | 4.65%         |
| positive regulation of alpha-beta T cell proliferation_1            | 4.65%         |
| lymphocyte activation involved in immune response                   | 4.65%         |
| lymphocyte differentiation                                          | 4.65%         |
| alpha-beta T cell activation_1                                       | 4.65%         |
| T cell selection                                                    | 4.65%         |
| T cell activation involved in immune response                       | 4.65%         |
| B cell activation involved in immune response                       | 4.48%         |
| CD4-positive, alpha-beta T cell activation                          | 4.48%         |
| CD4-positive, alpha-beta T cell differentiation                      | 4.48%         |
| regulation of alpha-beta T cell activation_1                        | 4.48%         |
| alpha-beta T cell activation_1                                       | 4.48%         |
| regulation of alpha-beta T cell proliferation_1                     | 4.48%         |
| positive regulation of alpha-beta T cell proliferation_1            | 4.48%         |
| T cell differentiation involved in immune response                  | 4.48%         |
| alpha-beta T cell differentiation                                   | 4.48%         |
| regulation of alpha-beta T cell proliferation_1                     | 4.48%         |
| alpha-beta T cell differentiation involved in immune response       | 4.48%         |
| positive regulation of alpha-beta T cell proliferation_1            | 4.48%         |
| alpha-beta T cell differentiation involved in immune response       | 4.48%         |
| CD4-positive, alpha-beta T cell differentiation                     | 4.48%         |
| CD4-positive, alpha-beta T cell differentiation involved ...         | 4.48%         |
| T-helper cell differentiation                                       | 8.16%         |
Overview of immune processes of DEGs in Intermediate_ConA

- CD4-positive, alpha-beta T cell activation: 43.75%
- Myeloid cell activation involved in immune response: 6.25%
- T cell homeostasis: 6.25%
- Regulation of osteoclast differentiation: 6.25%
- Regulation of immunoglobulin production: 6.25%
- Response to interferon-gamma: 31.25%
Specific GO terms of immune processes of DEGs in Intermediate_ConA

- myeloid cell activation involved in immune response: 5.45%
- T cell homeostasis: 8.57%
- regulation of osteoclast differentiation: 4.11%
- regulation of immunoglobulin production: 4.05%
- monocyte chemotaxis: 8.57%
- response to interferon-gamma: 7.69%
- lymphocyte chemotaxis: 6.25%
- cellular response to interferon-gamma: 4.41%
- neutrophil chemotaxis: 6.25%
- myeloid dendritic cell activation: 8.57%
- T-helper 1 type immune response: 4.05%
- CD4-positive, alpha-beta T cell activation: 4.17%
- alpha-beta T cell activation involved in immune response: 4.17%
- T cell differentiation involved in immune response: 4.17%
- alpha-beta T cell differentiation involved in immune response: 4.23%
- CD4-positive, alpha-beta T cell differentiation involved ...
Overview of immune processes of DEGs in Terminally_ConA

% terms per group

- Natural killer cell mediated immunity 34.78% *
- Regulation of lymphocyte mediated immunity 26.09% **
- Response to interferon-gamma 34.78%
- Myeloid cell activation involved in immune response 4.35% *
### Specific GO terms of immune processes of DEGs in Terminally_ConA

| Term                                                                 | #Genes / Term | p-Value |
|----------------------------------------------------------------------|---------------|---------|
| myeloid cell activation involved in immune response                  | 5.45%         | .       |
| myeloid dendritic cell activation                                     | 6.25%         | .       |
| regulation of lymphocyte mediated immunity                            | 3.26%         | .       |
| T-helper 1 type immune response                                       | 8.57%         | *       |
| CD4-positive, alpha-beta T cell activation                            | 3.7%          |         |
| regulation of T cell proliferation                                   | 3.7%          |         |
| positive regulation of T cell proliferation                           | 3.26%         | .       |
| monocyte chemotaxis                                                  | 3.6%          |         |
| response to interferon-gamma                                          | 7.69%         | *       |
| lymphocyte chemotaxis                                                | 3.06%         | *       |
| granulocyte migration                                                | 3.57%         |         |
| granulocyte chemotaxis                                               | 3.8%          |         |
| cellular response to interferon-gamma                                 | 4.41%         |         |
| neutrophil migration                                                 | 4.17%         | .       |
| neutrophil chemotaxis                                                | 3.8%          |         |
| natural killer cell mediated immunity                                | 4.41%         |         |
| regulation of lymphocyte mediated immunity_1                         | 3.37%         | .       |
| positive regulation of lymphocyte mediated immunity                   | 10.34%        | *       |
| regulation of natural killer cell mediated immunity                   | 10.81%        | **      |
| natural killer cell mediated cytotoxicity                             | 3.49%         |         |
| negative regulation of T cell activation                             | 10.71%        | *       |
| regulation of T cell proliferation_1                                  | 3.01%         |         |
| regulation of natural killer cell mediated cytotoxicity              | 10.34%        | *       |

* * p < 0.05; ** p < 0.01
Overview of immune processes of DEGs in Naïve_PMA/Ionomycin

% terms per group

- T cell activation 60.23%
- T cell receptor signaling pathway 0.57%
- T cell differentiation in thymus 0.57%
- Response to interferon-gamma 1.14%
- Response to type I interferon 1.7%
- Positive regulation of leukocyte migration 1.7%
- Regulation of cytokine production involved in immune response 2.84%
- Hemopoiesis 2.84%
- Regulation of lymphocyte activation 3.98%
- Regulation of innate immune response 3.98%
- Regulation of hematopoiesis 4.55%
- Positive regulation of leukocyte activation 5.11%
- Regulation of leukocyte mediated immunity 5.11%
- Immunoglobulin production involved in immunoglobulin mediated immune response 5.68%
Specific GO terms of immune processes of DEGs in Naïve_PMA/Ionomycin

- Regulation of adaptive immune response
- Regulation of lymphocyte activation
- Hemopoiesis
- Regulation of cytokine production
- Response to interferon-gamma
- Activation of innate immune response
- Regulation of leukocyte mediated immunity
- Somatic diversification of immune receptors via germ line deletion
- T cell receptor signaling pathway
- Positive regulation of myeloid cell differentiation
- Positive regulation of lymphocyte proliferation
- Regulation of adaptive immune response
- Positive regulation of interferon-gamma production
- Regulation of lymphocyte proliferation
- T cell activation
- Regulation of lymphocyte activation
- Hemopoiesis
- Regulation of myeloid cell differentiation
- Regulation of T cell proliferation
- Regulation of T cell activation
- Regulation of leukocyte mediated immunity
- Regulation of type 2 immune response
- Regulation of adaptive immune response

This graph shows the enrichment of GO terms related to immune processes, with the y-axis representing the percentage of genes and the x-axis representing the GO terms. The bars indicate the relative enrichment of each term.
Specific GO terms of immune processes of DEGs in Naïve_PMA/Ionomycin

| Term                                                                 | Percentage |
|----------------------------------------------------------------------|------------|
| Positive regulation of lymphocyte activation                          | 15.57%     |
| Positive regulation of hemopoiesis                                   | 17.88%     |
| T cell cytokine production                                           | 18.39%     |
| T cell mediated immunity                                             | 22.63%     |
| Leukocyte differentiation                                            | 17.88%     |
| Positive regulation of immunoglobulin production                     | 18.39%     |
| Positive regulation of lymphocyte mediated immunity                  | 19.77%     |
| Positive regulation of adaptive immune response based on somat...     | 21.21%     |
| B cell mediated immunity                                             | 22.63%     |
| Leukocyte differentiation                                            | 22.22%     |
| Positive regulation of lymphocyte differentiation                     | 22.83%     |
| T cell proliferation                                                 | 22.83%     |
| Regulation of myeloid cell differentiation                           | 22.83%     |
| Alpha-beta T cell activation                                         | 22.83%     |
| Regulation of T cell activation                                      | 22.83%     |
| T cell differentiation                                               | 22.83%     |
| CD4-positive, alpha-beta T cell activation                            | 22.83%     |
| Regulation of T cell proliferation                                   | 22.83%     |
| Regulation of lymphocyte differentiation                              | 22.83%     |
| Regulation of CD4-positive, alpha-beta T cell activation              | 22.83%     |
| Regulation of isotype switching                                     | 22.83%     |
| Positive regulation of immunoglobulin mediated immunity              | 22.83%     |
| Positive regulation of T cell differentiation                        | 22.83%     |
| Positive regulation of CD4-positive, alpha-beta T cell activation     | 22.83%     |
| Regulation of isotype switching                                      | 22.83%     |
| Alpha-beta T cell differentiation                                    | 22.83%     |
| Regulation of CD4-positive, alpha-beta T cell differentiation         | 22.83%     |
| Positive regulation of alpha-beta T cell activation                  | 22.83%     |
| Regulation of isotype switching                                      | 22.83%     |
| Alpha-beta T cell differentiation                                    | 22.83%     |
| Regulation of CD4-positive, alpha-beta T cell differentiation         | 22.83%     |
| Positive regulation of alpha-beta T cell activation                  | 22.83%     |
| Regulation of isotype switching                                      | 22.83%     |
| Alpha-beta T cell differentiation                                    | 22.83%     |
| Regulation of CD4-positive, alpha-beta T cell differentiation         | 22.83%     |
| Positive regulation of alpha-beta T cell activation                  | 22.83%     |
| Regulation of isotype switching                                      | 22.83%     |
| Alpha-beta T cell differentiation                                    | 22.83%     |
| Regulation of CD4-positive, alpha-beta T cell differentiation         | 22.83%     |

* Indicates statistical significance.
Overview of immune processes of DEGs in Intermediate_PMA/Ionomycin

% terms per group

- leukocyte differentiation: 31.37%
- regulation of lymphocyte activation: 22.14%
- negative regulation of B cell activation: 0.37%
- regulation of type 2 immune response: 0.37%
- hematopoietic progenitor cell differentiation: 0.37%
- megakaryocyte differentiation: 0.37%
- T cell differentiation in thymus: 0.37%
- monocyte differentiation: 0.74%
- natural killer cell mediated immunity: 0.74%
- T cell selection: 0.74%
- response to interferon-gamma: 1.11%
- myeloid dendritic cell activation: 1.11%
- regulation of T cell proliferation: 2.21%
- hemopoiesis: 2.21%
- lymphocyte mediated immunity: 2.58%
- regulation of adaptive immune response: 2.58%
- regulation of hemopoiesis: 2.58%
- positive regulation of immune effector process: 2.95%
- activation of immune response: 3.69%
- positive regulation of leukocyte migration: 4.43%
- B cell activation: 4.43%
- positive regulation of immune response: 6.27%
- regulation of leukocyte mediated immunity: 6.27%
Overview of immune processes of DEGs in Terminally_PMA/Ionomycin

- Leukocyte differentiation 55.77% *
  - Spleen development 0.48%
  - Activated T cell proliferation 0.48%
  - Megakaryocyte differentiation 0.48%
  - CD8-positive, alpha-beta T cell activation 0.48%
  - T-helper 1 type immune response 0.48%
  - Regulation of defense response to virus 0.96%
  - Response to interferon-gamma 0.96%
  - Hematopoietic progenitor cell differentiation 0.96%
  - Monocyte differentiation 0.96%
  - Natural killer cell mediated immunity 0.96%
  - Myeloid dendritic cell activation 1.44%
  - Myeloid leukocyte mediated immunity 1.44%
  - Hemopoiesis 2.4% *
  - Regulation of production of molecular mediator of immune response 2.88%
  - Regulation of hemopoiesis 2.88% *
  - Regulation of leukocyte chemotaxis 3.37%
  - T cell proliferation 3.85%
  - Regulation of leukocyte differentiation 4.33% *
  - Immunoglobulin mediated immune response 6.73%
  - Positive regulation of immune response 7.69%
| GO Term                                                                 | Count |
|------------------------------------------------------------------------|-------|
| positive regulation of T cell differentiation                          | 15.79 |
| positive regulation of osteoclast differentiation                       | 16.28 |
| negative regulation of CD4-positive, alpha-beta T cell differentiation  | 18.97 |
| isotype switching_1                                                     | 22.22 |
| alpha-beta T cell differentiation involved in immune processes          | 22.54 |
| CD4-positive, alpha-beta T cell differentiation                         | 22.22 |
| regulation of alpha-beta T cell differentiation                         | 23.33 |
| positive regulation of alpha-beta T cell differentiation                | 25.30 |
| CD4-positive, alpha-beta T cell differentiation involved in immune processes | 25.30 |
| regulation of CD4-positive, alpha-beta T cell differentiation           | 26.09 |
| regulation of T-helper cell differentiation                             | 27.56 |
| T-helper 17 cell differentiation                                        | 29.03 |
| T-helper cell differentiation                                           | 30.61 |
| regulation of T-helper cell differentiation                             | 30.61 |

Specific GO terms of immune processes of DEGs in Terminally_PMA/Ionomycin