**Supplement table 1：Top 10 of biological process enrichment**

|  |  |  |
| --- | --- | --- |
| **Term ID** | **Term Tescription** | **-logFDR** |
| GO:0009628 | response to abiotic stimulus | 9.157391 |
| GO:0010941 | regulation of cell death | 9.157391 |
| GO:0010942 | positive regulation of cell death | 8.769551 |
| GO:0042221 | response to chemical | 8.769551 |
| GO:0070887 | cellular response to chemical stimulus | 8.769551 |
| GO:0001933 | negative regulation of protein phosphorylation | 8.609065 |
| GO:0010243 | response to organonitrogen compound | 8.543634 |
| GO:0045936 | negative regulation of phosphate metabolic process | 8.543634 |
| GO:1901701 | cellular response to oxygen-containing compound | 8.537602 |
| GO:0006915 | apoptotic process | 8.485452 |