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| --- | --- | --- | --- | --- |
| KEGG IDa | Term | Total amount of  annotated  genes | The amount of significant genes | P.Valueb |
| 5323 | Rheumatoid arthritis | 60 | 2 | 9,13E-03 |
| 5146 | Amoebiasis | 80 | 2 | 1,59E-02 |
| 920 | Sulfur metabolism | 9 | 1 | 2,22E-02 |
| 4060 | Cytokine-cytokine receptor interaction | 119 | 2 | 3,35E-02 |
| 5150 | Staphylococcus aureus infection | 20 | 1 | 4,87E-02 |
| 532 | Glycosaminoglycan biosynthesis - chondroitin sulfate / dermatan sulfate | 20 | 1 | 4,87E-02 |

aFunctional analysis of differentially expressed genes was conducted against KEGG database.

bPathways with *p* < 0.05 are shown.