|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Pathway ID** | **Pathway name** | **GWASRank** | **BootRank** | **Supporting reference** |
| hsa00300 | Lysine biosynthesis | 9.00E-03 | - |  |
| hsa00562 | Inositol phosphate metabolism | 1.76E-02 | - |  |
| hsa05416 | Viral myocarditis | - | 0.00199 |  |
| hsa04930 | Type II diabetes mellitus | - | 0.00455 | [46,47] |
| hsa05210 | Colorectal cancer | - | 0.0133 | [48] |
| hsa04940 | Type I diabetes mellitus | - | 1.74E-02 |  |
| hsa05213 | Endometrial cancer | - | 1.82E-02 | [49] |