|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Description** | **P value** | **Count** |
| GO:0001664GO:0008009GO:0042379GO:0005501GO:0019840GO:0048020GO:0016918GO:0005126GO:0005125GO:0031720GO:0140104GO:0016004GO:0000980GO:0030414GO:0004857GO:0003705GO:0016775GO:0060229GO:0005344GO:0019841GO:0001158GO:0050780GO:0035326GO:0061134GO:0005539GO:0005201 | G protein-coupled receptor bindingchemokine activitychemokine receptor bindingretinoid bindingisoprenoid bindingCCR chemokine receptor bindingretinal bindingcytokine receptor bindingcytokine activityhaptoglobin bindingmolecular carrier activityphospholipase activator activityRNA polymerase II distal enhancersequence-specific DNA bindingpeptidase inhibitor activityenzyme inhibitor activitytranscription factor activity, RNA polymerase II distal enhancer sequence-specific bindingphosphotransferase activity, nitrogenous group as acceptorlipase activator activityoxygen carrier activityretinol bindingenhancer sequence-specific DNA bindingdopamine receptor bindingenhancer bindingpeptidase regulator activityglycosaminoglycan bindingextracellular matrix structural constituent | 4.41E-072.76E-061.22E-051.85E-052.32E-054.24E-054.83E-050.0002852840.0004793620.0008935110.0009739280.0010888570.0011074210.0014267240.0014680050.0014726610.0015351290.0015351290.0017857210.0020543940.0021016280.0026453250.0031433010.0032537320.0033819780.005415207 | 105544437623245742222424554 |

**Supplymental Table S1：**All significant GO pathways enriched by DEGs.