

| p_val<br><dbl> | avg_log2FC<br><dbl> | pct.1<br><dbl> | pct.2<br><dbl> | p_val_adj<br><dbl> | cluster<br><fctr> | gene<br><chr> |
|----------------|---------------------|----------------|----------------|--------------------|-------------------|---------------|
| 5.192610e-41   | 0.2819494           | 0.293          | 0.148          | 1.160496e-36       | 0                 | BCAT1         |
| 5.721589e-51   | 0.3696859           | 0.272          | 0.114          | 1.278718e-46       | 0                 | C3            |
| 5.155509e-52   | 0.4005084           | 0.305          | 0.133          | 1.152205e-47       | 0                 | NNMT          |
| 1.473045e-53   | 0.2548906           | 0.882          | 0.633          | 3.292108e-49       | 0                 | BZW1          |
| 1.872857e-56   | 0.2676770           | 0.934          | 0.678          | 4.185648e-52       | 0                 | CAST          |
| 1.129303e-20   | 0.2511073           | 0.401          | 0.305          | 2.523879e-16       | 1                 | TTC39C        |
| 2.312751e-21   | 0.2555395           | 0.336          | 0.239          | 5.168768e-17       | 1                 | THOC3         |
| 5.053364e-24   | 0.2547046           | 0.499          | 0.384          | 1.129376e-19       | 1                 | PIK3R1        |
| 5.964503e-26   | 0.2598548           | 0.544          | 0.463          | 1.333007e-21       | 1                 | ZC3HAV1       |
| 6.109424e-28   | 0.2564122           | 0.441          | 0.295          | 1.365395e-23       | 1                 | MGAT4A        |
| 1.401155e-07   | 0.2958656           | 0.314          | 0.242          | 3.131441e-03       | 2                 | MT1E          |
| 2.964736e-08   | 0.2989565           | 0.336          | 0.272          | 6.625889e-04       | 2                 | CKS2          |
| 7.452736e-10   | 0.2548035           | 0.481          | 0.404          | 1.665612e-05       | 2                 | CEBPZ-AS1     |
| 1.827834e-10   | 0.3218076           | 0.501          | 0.423          | 4.085027e-06       | 2                 | KATNBL1       |
| 1.247001e-10   | 0.2671137           | 0.467          | 0.377          | 2.786923e-06       | 2                 | ANKRD49       |
| 3.136665e-07   | 0.2591793           | 0.660          | 0.521          | 7.010132e-03       | 3                 | MT2A          |
| 2.423060e-10   | 0.2680851           | 0.503          | 0.342          | 5.415297e-06       | 3                 | MT1X          |
| 9.975168e-17   | 0.2662888           | 0.876          | 0.636          | 2.229350e-12       | 3                 | TIMP1         |
| 1.285410e-18   | 0.2782540           | 0.843          | 0.495          | 2.872762e-14       | 3                 | HCST          |
| 6.173496e-21   | 0.2579243           | 0.812          | 0.577          | 1.379715e-16       | 3                 | SLC38A2       |
| 5.627680e-09   | 0.3136084           | 0.570          | 0.526          | 1.257730e-04       | 4                 | HSPA1B        |
| 6.280485e-17   | 0.2546225           | 0.358          | 0.205          | 1.403626e-12       | 4                 | TMEM107       |
| 2.060821e-18   | 0.2545139           | 0.671          | 0.487          | 4.605729e-14       | 4                 | CEP350        |
| 1.603168e-18   | 0.2547018           | 0.459          | 0.283          | 3.582921e-14       | 4                 | ZFHX3         |
| 3.215417e-19   | 0.3115514           | 0.576          | 0.367          | 7.186135e-15       | 4                 | TMEM176B      |