Table S3. The logFC and P values of the top-10 hub genes in Table 4 (gene names are shown in alphabetical order).

| Gene name | GSE64457 logFC | P.Value | GSE94923 logFC | P.Value | GSE54644 logFC | P.Value |
|-----------|----------------|---------|----------------|---------|----------------|---------|
| AKT1      | -1.09157945    | 3.00001E-06 | -1.340208995 | 0.000156043 | /               | /       |
| ARRB1     | -1.048969405   | 0.000563156 | -1.307891053 | 0.000376162 | /               | /       |
| BC0AF1    | -1.00729589    | 0.000105451 | -1.118023129 | 0.002118514 | /               | /       |
| CD44      | 1.500653289    | 9.44395E-07 | 3.017249872  | 5.14563E-06 | 2.058151432 | 4.07633E-08 |
| CNOT6L    | -1.088168944   | 0.000596376 | -1.445011369 | 1.01106E-06 | /               | /       |
| COPS3     | /              | /        | -1.840553127 | 1.01204E-05 | -1.11527891 | 0.000250387 |
| DCUN1D1   | -1.42547477    | 1.50015E-06 | -1.070944947 | 1.79528E-05 | /               | /       |
| EGR1      | 2.300283123    | 0.000105451 | 1.148482542  | 0.001235721 | -1.70326189 | 3.39509E-05 |
| ENO1      | 1.788314066    | 1.1526E-06 | /              | /        | 1.254058478  | 4.74307E-05 |
| GAB1      | -1.065049085   | 0.000118759 | -1.125323493 | 0.00377306 | /               | /       |
| IL18R1    | 2.276337869    | 1.49038E-05 | 2.61008553   | 3.21221E-08 | 2.572196356 | 6.1491E-07 |
| IL18RAP   | 1.662360692    | 8.32132E-06 | 1.846201435  | 5.31286E-05 | 1.269589903 | 0.005001955 |
| ILIR2     | 1.673392393    | 0.000181569 | 2.455347111  | 3.95095E-05 | /               | /       |
| IL6ST     | 1.20742291     | 0.000209031 | 1.215195102  | 9.58201E-06 | 1.422147141 | 2.19772E-06 |
| IRAK1     | 2.158101297    | 6.6267E-09 | /              | /        | 2.42281056 | 4.5592E-06 |
| JAK1      | -1.318717001   | 4.7373E-05 | -1.159947381  | 0.00374376 | /               | /       |
| LDLR      | 1.977765462    | 1.30354E-05 | 1.283995725   | 4.53534E-06 | 1.379985561 | 0.001687981 |
| LIMS1     | /              | /        | 1.304296262   | 0.001667869| 1.210638216 | 1.82641E-05 |
| MAP2K6    | 1.795054232    | 1.98518E-06 | /              | /        | 1.26453289 | 0.003481611 |
| MAPK14    | 1.139882546    | 6.8503E-06 | /              | /        | 2.437330263 | 3.26493E-10 |
| MED25     | -1.342584964   | 1.87399E-06 | -1.422348468  | 1.2467E-05 | /               | /       |
| MEF2A     | 1.51688291     | 5.68335E-06 | /              | /        | 2.340185545 | 8.55178E-09 |
| PKM       | 2.104514339    | 9.97644E-07 | /              | /        | 1.699771195 | 8.23074E-07 |
| PKN2      | -1.0297132     | 3.91048E-06 | -1.066135156  | 0.001748026| 1.010578211 | 0.000224115 |
| POR       | 1.076290057    | 3.44871E-05 | /              | /        | 1.477837249 | 2.51118E-05 |
| PKRAG2    | -1.149018649   | 0.000264424 | -1.408206768  | 0.000303062| /               | /       |
| PRKCE     | 1.683147851    | 9.19702E-05 | /              | /        | 1.250365546 | 0.000125438 |
| TLR4      | /              | /        | 1.446613491   | 0.000346521| 1.257533946 | 0.00085127 |