

**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		GSE94923		GSE54644	
	logFC	<i>P</i> .Value	logFC	<i>P</i> .Value	logFC	<i>P</i> .Value
<i>AKT1</i>	-1.09157945	3.00001E-06	-1.340208995	0.000156043	/	/
<i>ARRB1</i>	-1.048969405	0.000563156	-1.307891053	0.000376162	/	/
<i>BCLAF1</i>	-1.00729589	0.000105451	-1.118023129	0.002118514	/	/
<i>CD44</i>	1.500653289	9.44395E-07	3.017249872	5.14563E-06	2.058151432	4.07633E-08
<i>CNOT6L</i>	-1.088168944	0.000596376	-1.445011369	1.01106E-06	/	/
<i>COPS3</i>	/	/	-1.840553127	1.01204E-05	-1.115527891	0.000250387
<i>DCUNID1</i>	-1.42547477	1.50015E-06	-1.070944947	1.79528E-05	/	/
<i>EGR1</i>	2.300283123	0.001095827	1.148482542	0.001235721	-1.70326189	0.000699864
<i>ENO1</i>	1.788314066	1.1526E-06	/	/	1.254058478	4.74307E-05
<i>GAB1</i>	-1.065049085	0.000118759	-1.125324394	0.000377306	/	/
<i>IL18R1</i>	2.276337869	1.49038E-05	2.61008553	3.21221E-08	2.572196356	6.1491E-07
<i>IL18RAP</i>	1.662360962	8.32132E-06	1.846201435	5.31286E-05	1.269589903	0.005001955
<i>IL1R2</i>	1.673392393	0.000181569	2.455347111	3.95095E-05	/	/
<i>IL6ST</i>	1.20742291	0.000209031	1.215195102	9.58201E-06	1.422147141	2.19772E-06
<i>IRAK3</i>	2.158101297	6.6267E-09	/	/	2.42281056	4.5592E-06
<i>JAK1</i>	-1.318171001	4.7373E-05	-1.159947381	0.000734786	/	/
<i>LDLR</i>	1.977765462	1.30354E-05	1.283995725	4.53534E-06	1.379985561	0.001687981
<i>LIMS1</i>	/	/	1.304296262	0.001667869	1.210638216	1.82641E-05
<i>MAP2K6</i>	1.795054232	1.98518E-06	/	/	1.26453289	0.003481611
<i>MAPK14</i>	1.139882546	6.86503E-06	/	/	2.433730263	3.26493E-10
<i>MED25</i>	-1.342584964	1.87399E-06	-1.422348468	1.2467E-05	/	/
<i>MEF2A</i>	1.51688291	5.68835E-06	/	/	2.340185545	8.55178E-09
<i>PKM</i>	2.104514339	9.97644E-07	/	/	1.699771195	8.23074E-07
<i>PKN2</i>	-1.02997132	3.91048E-06	-1.066135156	0.001748026	1.010578211	0.000224115
<i>POR</i>	1.076290057	3.44871E-05	/	/	1.477873249	2.51118E-05
<i>PRKAG2</i>	-1.149018649	0.000264424	-1.408206768	0.000303062	/	/
<i>PRKCE</i>	1.683147851	9.19702E-05	/	/	1.250365546	0.000125438
<i>TLR4</i>	/	/	1.446613491	0.000346521	1.257533946	0.00085127