

Supplementary Table 2. MCODE scoring for PPI network

Cluster	Score(Density*#Nodes)	Nodes	Edges	Node IDs
1	11.478	24	132	BAX,NF-KAPPAB,IRF6,DIABLO,TNFSF10,etc.
2	7	7	21	AFF4,RN7SK,AFF4,CDK9,DOT1L,NSD1,CARM1
3	6.75	33	108	TNFSF11,MUC3A,ERVK2,TP53,HMOX1,etc.
4	6	6	15	Sfrp1, DKK1, SFRP2, FRZB, SFRP4, DKK3
5	5.368	20	51	ERBB2,EOS,BAS,ABCG2,CYP2B6,CYP2C9,etc.
6	5	5	10	CDKN1C,CDKN2A,CDKN2B,CDKN2C, etc.
7	5	5	10	C6, C3, C2, C7, C5
8	5	5	10	NEUROG2,NT3,NEUROD2,GAD1,NEUROG1
9	5	5	10	ACOT2, HADHA, ECH1, ALDH2, CPS1
10	4.533	31	68	GABPA,UGT1A1,UGT1A8, CYP4A1, ETC.
11	4	4	6	PPP1R15A, XBP1, PDIA6, ATF4
12	4	4	6	GSK3B, 1.1.3.4, 2.7.1.64, HAO1
13	4	4	6	ABCB6, ABCG5, ABCG8, PCSK9
14	4	4	6	ROCK1, PPP1R12A, AGTR1, ANG
15	4	4	6	RAPGEF3, 3.1.4.3, HSPG2, RAP1A
16	4	4	6	AMOTL1, NRP1, ETS2, MIRN23B
17	4	4	6	GCLC, NQO1, GSTP1, NFE2L2
18	4	4	6	TCIRG1, OSTM1, CLCN7, CA2
19	4	4	6	NCOA1, FGR, NCOA3, CXADR
20	4	4	6	6.2.1.12, 4.3.1.5, 1.14.13.11, LYST
21	4	4	6	GLP-1, GPR119, CCK, PYY
22	4	4	6	IMPDH2, MTG1, SLC25A1, CTPS
23	4	4	6	CCL21, SLCO1B1, SLCO1B3, POU2F1
24	3.333	4	5	ADIPOQ, CPT1A, SREBF1, UCP2
25	3.333	4	5	CYP2C19, CYP2D6, CYP2E1, CYP1A2
26	3.333	4	5	RBPJ, NOTCH1, MS4A1, HDAC9
27	3.333	7	10	RAC1,PTK2,RHOA,MYH14,PRKG1,JAG1, LPA
28	3.333	7	10	IGF1,ERBB3,PIK3R1,SLC2A4,MYOG,HLA-E,