

Table S4 Rank values of DEIMRGs

Node name	Degree
HMOX1	46935
GCLC	46874
NQO1	46744
TXNRD1	46717
GCLM	46370
SRXN1	46081
GPX2	45606
PRDX1	40472
SLC7A11	40447
G6PD	5074
SQSTM1	996
HSPA5	543
JUN	417
MAPK8	292
TLR4	290
VEGFA	265
AKR1C2	240
CYBB	142
AKR1C3	123
CBSL	122
NFE2	64
ALAS2	40
PGD	31
SLC25A37	31
ATP6V1A	28
HEPH	26
ATP6V1B2	26
HBB	26
ATP6V0D1	25
SLC39A8	24
TMEM199	24
ATP6V1D	24
STEAP3	20
CTSB	17
HMBS	17
SLC11A1	16
SLC25A28	16
IDH1	14
HBA2	14
HBD	12
EPOR	11
ABCB6	11
LCN2	9
BLVRB	9
FLT3	8
FBXW7	7
SCD	6
NCF2	6

GABARAPL1	6
PSAT1	6
CYP1B1	5
SLC3A2	4
MSMO1	4
BCL2	4
FLVCR2	4
UCP2	3
CDO1	3
CA2	3
BMP6	3
BTG2	3
BLVRA	3
ABCG2	3
SLC6A9	3
SC5D	2
LTF	2
HERPUD1	2
FADS2	2
DNM2	2
MCOLN1	2
CTNS	2
AIFM2	2
SCARA5	1
TSPAN5	1
IGSF3	1
MPP1	1
ENPP2	1
CTSE	1
NEO1	1
TBXAS1	1
SLC22A4	1
