

**Molecular mechanism of the anti-inflammatory
effects of Sophorae Flavescents Aiton identified by
network pharmacology**

Supplemental Materials

Authors: Naiqiang Zhu, Jingyi Hou

Supplementary Material 1 Targets of bioactive compounds of Kushen.

Target

ADCY2

AKT1

APP

AR

BCL2L1

BIRC5

CASP3

CASP7

CCND1

CD40LG

CDK2

CDK4

CDKN1A

EGFR

ERBB2

GSTP1

HMOX1

ICAM1

IFNG

IL10

IL2

IL4

IL6

INSR

JUN

MAPK1

MAPK3

MCL1

MDM2

MET

MMP1

MMP2

MMP9

NFKBIA

NOS2

PCNA

PPARG

PRSS1

PTGS1

PTGS2

RB1

RELA

Target

TNF

TOP1

TOP2A

TP53

TYR

VEGFA

XDH

XIAP

CCNB1

CASP9

SLC2A4

PTGES

NUF2

ABCB1

ABCC1

ABCC2

ABCG2

ACTB

AHR

AKR1C1

ALB

ATP5A1

ATP5B

ATP5C1

CA1

CA12

CA14

CA2

CA3

CA4

CA5A

CA5B

CA6

CA7

CA9

CBR1

CDK6

CEBPB

COMT

CSNK2A1

CSNK2B

CYP19A1

Target

CYP1A1
CYP1A2
CYP1B1
CYP2C8
CYP2E1
EIF3F
ESR1
ESR2
ESRRA
ESRRB
GPER
HCK
HIBCH
HSP90AA1
HSPA2
IGHG1
JAK1
KIAA1310
MTTP
NCOA1
NCOA2
NQO2
NR1I2
PIK3CG
PIM1
PRKACA
PRKCA
PRKCB
PTK2B
RUVBL2
SF3B3
SHBG
SLC16A1
SLC16A7
SLC22A11
SLC22A6
SLCO2B1
SOAT1
SOAT2
SQLE
STK17B
SYK
Target
TTR

UBA1
UGT3A1
CALM3
CCNA2
GSK3B
KCNH2
KDR
RXRA
SCN5A
CHRNA3
CHRNA4
CHRNA6
CHRNA7
CHRNA7
CHRNA7
CHRNA7
CHRNA7
CHRNA7
CHRNA7
CHRNA7
CYP2D6
CYP3A4
HTR3A
TNF
CXCL8
ACACA
ACHE
ACPP
ADRB2
AKR1B1
ALOX5
BCL2
BMP2
CASP8
CAT
CAV1
CCL2
CDKN2A
CHEK2
CHUK
COL1A1
COL3A1
CRP
CTSD
CXCL10
DUOX2
EGF
EIF6
ERBB3
F3

FOS
GJA1
GSTM1
GSTM2
HIF1A
HSF1
HSPA5
HSPB1
IGF2
IGFBP3
IL1A
IL1B
IRF1
MAOB
MGAM
MMP3
MPO
MYC
NCF1
NOS3
NPEPPS
NQO1
NR1I3
ODC1
PARP1
PLAT
PLAU
PON1
POR
PPARA
PPARD
PTEN
PTGER3
RAF1
RASA1
RASSF1
RUNX2
SELE
SERPINE1
SOD1
STAT1
SULT1E1
TGFB1
THBD

VCAM1
ELK1
BAX
DIO1
E2F1
E2F2
CLDN4
RUNX1T1
HAS2
HK2
CXCL2
NFE2L2
NKX3-1
CXCL11
PCOLCE
PSMD3
SOD3
SPP1
AHSA1
DCAF5
HERC5
PRXC1A
CDC2
SEC14L3
PPP2CB
CNR1
SERPINE2
SREBF1
ABCB4
AFM
PPP2CA
SEC14L2
CHGA
SLC2A1
PTPN2
PKP3
ABCG1
DGKA
SEC14L6
JUP
CCL3
TTPA
PRKCG
REST

CNR2
FGF1
PRKAA1
NF2
SEC14L4
PKP2
SOCS1
PPP2R1A
RXRA
CYP3A5
CYP3A7
CYP2C19
CYP3A43
AAGAB
ADRA1A
ADRA2A
ADRB1
AKR1C3
APC
BAD
CCND2
CD44
CHRM1
CYCS
FCER2
FXD2
G6PC
GRIA2
HSD3B1
HSD3B2
IER3IP1
IGF1R
IKBKG
IL13
INS
MAOA
MS4A2
MT-ND6
NR3C1
NR3C2
OPRM1
PGR
RXRB
SIRT1

SLC5A5
SLC6A2
SLC6A3
SLC6A4
TYRP1
DCT
ALPI
TRPM2
PSME3
CFLAR
EEF1E1
HPSE
ALG5
AWAT1
HTR4
GGCX
HTR1A
AGTR1
AVP
WLS
PCK1
CSF1
FNDC5
SLC38A3
RXFP4
MAPK9
MC4R
MTNR1B
MAS1
S1PR2
HEG1
CDH5
KCNK4
HTR3D
ANAPC2
BICD1
RET
SOD2
STATH
TMBIM6
SNCA
ADORA1
CCM2L
GABRA2

HTR1B
F10
AGTR2
VKORC1L1
PAX2
GPR27
ADCY6
IL34
ACIN1
CCL5
METRNL
LILRB1
CYP4F2
PPP1R1B
BMP6
EGR1
AGTRAP
TFPI
ARRB1
NEUROD2
WNT11
ACSL4
LRRK2
MC5R
HTR3E
NAPRT
NCK1
ALOX15
PROS1
GABRA3
VKORC1
BGLAP
F2
DAB2
SERPINB7
NAMPT
C1QTNF1
ANG
WT1
PLA2R1
PPP1R9B
PKD2
CRHBP
HTN1

SERPINF2
OXTR
CCS
AIF1
NMUR2
RPS6KA2
CDC20
MC3R
DRD5
MECOM
ADIPOQ
ANXA1
HTR3C
PROZ
F7
GABRA1
AGT
MGP
ACTN2
RGCC
MC2R
CD36
HNF1B
CLDN5
HTR2B
AQP2
CYP11A1
ACE2
SIPA1
SPRY1
GAS6
PPP1R15A
UTS2R
BDKRB2
CD47
SPX
THRB
HTR3B
RFK
AGER
CPLX2
UBIAD1
GLRA1
AVPR1A

F9
PROC
AVPR2
CBR4
NDRG2
HACD1
UTS2
SDC4
OXT
DCSTAMP
MC1R
PTGIS
CYP4F11
AMELX
HRH3
CTNNBIP1
PLA2G1B
ACVR2A
HCRT
ACE
ALOX15B
UGT3A2
REN
SPRY2
NCK2
FGA
AVPR1B
PRDM16
DRD2
PAWR

Supplementary Materials 2 Targets of inflammation

Target Source

A4GNT OMIM,Genecards, Gene
ABCB1 OMIM,Genecards, Gene
ACE2 OMIM,Genecards, Gene
ACKR1 OMIM,Genecards, Gene
ACKR2 OMIM,Genecards, Gene
ACKR3 OMIM,Genecards, Gene
ACP5 OMIM,Genecards, Gene
ACVR1 OMIM,Genecards, Gene
ADA OMIM,Genecards, Gene
ADAMTS12 OMIM,Genecards, Gene
ADAR OMIM,Genecards, Gene
ADCYAP1 OMIM,Genecards, Gene
ADGRE2 OMIM,Genecards, Gene
ADIPOQ OMIM,Genecards, Gene
ADIPOR1 OMIM,Genecards, Gene
ADIPOR2 OMIM,Genecards, Gene
ADORA1OMIM,Genecards, Gene
ADORA2A OMIM,Genecards, Gene
AGER OMIM,Genecards, Gene
AGTOMIM,Genecards, Gene
AHROMIM,Genecards, Gene
AIM2 OMIM,Genecards, Gene
AIMP1 OMIM,Genecards, Gene
AKT1 OMIM,Genecards, Gene
ALOX5 OMIM,Genecards, Gene
ALPK1 OMIM,Genecards, Gene
ANG OMIM,Genecards, Gene
ANGPT1 OMIM,Genecards, Gene
ANGPT2 OMIM,Genecards, Gene
ANXA1 OMIM,Genecards, Gene
APP OMIM,Genecards, Gene
ARG1 OMIM,Genecards, Gene
ATG16L1 OMIM,Genecards, Gene
ATG5 OMIM,Genecards, Gene
AXL OMIM,Genecards, Gene
BACH2 OMIM,Genecards, Gene
BCL6 OMIM,Genecards, Gene
BDKRB1 OMIM,Genecards, Gene
BDKRB2 OMIM,Genecards, Gene
BDNF OMIM,Genecards, Gene
BMP2 OMIM,Genecards, Gene
BTLA OMIM,Genecards, Gene

Target Source

C1QBP OMIM,Genecards, Gene
C3 OMIM,Genecards, Gene
C5 OMIM,Genecards, Gene
C5AR1 OMIM,Genecards, Gene
C5AR2 OMIM,Genecards, Gene
CACNA1C OMIM,Genecards, Gene
CAMP OMIM,Genecards, Gene
CAPN5 OMIM,Genecards, Gene
CARD8 OMIM,Genecards, Gene
CASP1 OMIM,Genecards, Gene
CASP8 OMIM,Genecards, Gene
CAV1 OMIM,Genecards, Gene
CCL11 OMIM,Genecards, Gene
CCL13 OMIM,Genecards, Gene
CCL18 OMIM,Genecards, Gene
CCL19 OMIM,Genecards, Gene
CCL2 OMIM,Genecards, Gene
CCL20 OMIM,Genecards, Gene
CCL21 OMIM,Genecards, Gene
CCL22 OMIM,Genecards, Gene
CCL27 OMIM,Genecards, Gene
CCL3 OMIM,Genecards, Gene
CCL5 OMIM,Genecards, Gene
CCL7 OMIM,Genecards, Gene
CCR1 OMIM,Genecards, Gene
CCR10 OMIM,Genecards, Gene
CCR2 OMIM,Genecards, Gene
CCR3 OMIM,Genecards, Gene
CCR4 OMIM,Genecards, Gene
CCR5 OMIM,Genecards, Gene
CCR6 OMIM,Genecards, Gene
CCR8 OMIM,Genecards, Gene
CCR9 OMIM,Genecards, Gene
CD14 OMIM,Genecards, Gene
CD163 OMIM,Genecards, Gene
CD1D OMIM,Genecards, Gene
CD300LF OMIM,Genecards, Gene
CD4 OMIM,Genecards, Gene
CD40 OMIM,Genecards, Gene
CD44 OMIM,Genecards, Gene
CD80 OMIM,Genecards, Gene
CD99 OMIM,Genecards, Gene
CDH11 OMIM,Genecards, Gene
CDH26 OMIM,Genecards, Gene

CDK5 OMIM,Genecards, Gene
CERK OMIM,Genecards, Gene
CFB OMIM,Genecards, Gene
CFH OMIM,Genecards, Gene
CFTR OMIM,Genecards, Gene
CHI3L1 OMIM,Genecards, Gene
CHRNA7 OMIM,Genecards, Gene
CHUK OMIM,Genecards, Gene
CLEC10A OMIM,Genecards, Gene
CLEC4D OMIM,Genecards, Gene
CLEC4E OMIM,Genecards, Gene
CLEC5A OMIM,Genecards, Gene
CLU OMIM,Genecards, Gene
CMA1 OMIM,Genecards, Gene
CMKLR1 OMIM,Genecards, Gene
CNR1 OMIM,Genecards, Gene
CNR2 OMIM,Genecards, Gene
CPB2 OMIM,Genecards, Gene
CR1 OMIM,Genecards, Gene
CRH OMIM,Genecards, Gene
CRP OMIM,Genecards, Gene
CRYAB OMIM,Genecards, Gene
CSF1 OMIM,Genecards, Gene
CSF2 OMIM,Genecards, Gene
CST9 OMIM,Genecards, Gene
CTLA4 OMIM,Genecards, Gene
CTNND1 OMIM,Genecards, Gene
CTSG OMIM,Genecards, Gene
CTSK OMIM,Genecards, Gene
CX3CL1 OMIM,Genecards, Gene
CX3CR1 OMIM,Genecards, Gene
CXCL10 OMIM,Genecards, Gene
CXCL11 OMIM,Genecards, Gene
CXCL12 OMIM,Genecards, Gene
CXCL13 OMIM,Genecards, Gene
CXCL14 OMIM,Genecards, Gene
CXCL2 OMIM,Genecards, Gene
CXCR1 OMIM,Genecards, Gene
CXCR2 OMIM,Genecards, Gene
CXCR3 OMIM,Genecards, Gene
CXCR4 OMIM,Genecards, Gene

CXCR6 OMIM,Genecards, Gene
CYBB OMIM,Genecards, Gene

CYP4F2 OMIM,Genecards, Gene
CYP4F3 OMIM,Genecards, Gene
CYSLTR1 OMIM,Genecards, Gene
CYSLTR2 OMIM,Genecards, Gene
CYTH2 OMIM,Genecards, Gene
DDIT3 OMIM,Genecards, Gene
DDIT4 OMIM,Genecards, Gene
DEFA5 OMIM,Genecards, Gene
DEFB1 OMIM,Genecards, Gene
DEFB4A OMIM,Genecards, Gene
DPP4 OMIM,Genecards, Gene
DUSP1 OMIM,Genecards, Gene
EBI3 OMIM,Genecards, Gene
EDIL3 OMIM,Genecards, Gene
EDN1 OMIM,Genecards, Gene
EGFR OMIM,Genecards, Gene
EIF2AK2 OMIM,Genecards, Gene
ELANE OMIM,Genecards, Gene
ENTPD1 OMIM,Genecards, Gene
EOMES OMIM,Genecards, Gene
EPO OMIM,Genecards, Gene
EREG OMIM,Genecards, Gene
ETS1 OMIM,Genecards, Gene
F10 OMIM,Genecards, Gene
F12 OMIM,Genecards, Gene
F2R OMIM,Genecards, Gene
F2RL1 OMIM,Genecards, Gene
F3 OMIM,Genecards, Gene
FABP4 OMIM,Genecards, Gene
FADD OMIM,Genecards, Gene
FAS OMIM,Genecards, Gene
FASLG OMIM,Genecards, Gene
FASN OMIM,Genecards, Gene
FCER1A OMIM,Genecards, Gene
FCGR2B OMIM,Genecards, Gene
FCGR3A OMIM,Genecards, Gene
FERMT1 OMIM,Genecards, Gene
FETUB OMIM,Genecards, Gene
FFAR2 OMIM,Genecards, Gene
FFAR4 OMIM,Genecards, Gene
FLG OMIM,Genecards, Gene
FLT1 OMIM,Genecards, Gene
FOXP3 OMIM,Genecards, Gene
FPR1 OMIM,Genecards, Gene

FPR2 OMIM,Genecards, Gene
GATA4 OMIM,Genecards, Gene
GATA6 OMIM,Genecards, Gene
GCG OMIM,Genecards, Gene
GCH1 OMIM,Genecards, Gene
GDF15 OMIM,Genecards, Gene
GHRL OMIM,Genecards, Gene
GHSR OMIM,Genecards, Gene
GJA1 OMIM,Genecards, Gene
GRN OMIM,Genecards, Gene
GSNOMIM,Genecards, Gene
GSTM1 OMIM,Genecards, Gene
GSTP1 OMIM,Genecards, Gene
GUCA2BOMIM,Genecards, Gene
HAMP OMIM,Genecards, Gene
HAVCR1 OMIM,Genecards, Gene
HCAR2 OMIM,Genecards, Gene
HIF1A OMIM,Genecards, Gene
HMGB1 OMIM,Genecards, Gene
HMOX1 OMIM,Genecards, Gene
HPGD OMIM,Genecards, Gene
HRH1 OMIM,Genecards, Gene
HRH2 OMIM,Genecards, Gene
HS6ST3 OMIM,Genecards, Gene
HSPA1A OMIM,Genecards, Gene
HSPB1 OMIM,Genecards, Gene
ICAM3 OMIM,Genecards, Gene
ICOS OMIM,Genecards, Gene
ICOSLG OMIM,Genecards, Gene
IDO1 OMIM,Genecards, Gene
IFNG OMIM,Genecards, Gene
IGF1 OMIM,Genecards, Gene
IKBKB OMIM,Genecards, Gene
IKBKE OMIM,Genecards, Gene
IKBKG OMIM,Genecards, Gene
IL10OMIM,Genecards, Gene
IL11OMIM,Genecards, Gene
IL13OMIM,Genecards, Gene
IL15OMIM,Genecards, Gene
IL16OMIM,Genecards, Gene
IL18OMIM,Genecards, Gene
IL1A OMIM,Genecards, Gene
IL1BOMIM,Genecards, Gene
IL2 OMIM,Genecards, Gene

IL21OMIM,Genecards, Gene
IL22OMIM,Genecards, Gene
IL22RA1 OMIM,Genecards, Gene
IL23A OMIM,Genecards, Gene
IL24OMIM,Genecards, Gene
IL27OMIM,Genecards, Gene
IL2RA OMIM,Genecards, Gene
IL2RB OMIM,Genecards, Gene
IL31OMIM,Genecards, Gene
IL32OMIM,Genecards, Gene
IL33OMIM,Genecards, Gene
IL36A OMIM,Genecards, Gene
IL36B OMIM,Genecards, Gene
IL36G OMIM,Genecards, Gene
IL36RN OMIM,Genecards, Gene
IL4 OMIM,Genecards, Gene
IL5 OMIM,Genecards, Gene
IL6 OMIM,Genecards, Gene
IL9 OMIM,Genecards, Gene
IRAK3 OMIM,Genecards, Gene
IRF5 OMIM,Genecards, Gene
ISG15 OMIM,Genecards, Gene
ITGA1 OMIM,Genecards, Gene
ITGAM OMIM,Genecards, Gene
ITGB1 OMIM,Genecards, Gene
ITGB2 OMIM,Genecards, Gene
JUN OMIM,Genecards, Gene
JUND OMIM,Genecards, Gene
KDR OMIM,Genecards, Gene
KLRB1 OMIM,Genecards, Gene
KLRK1 OMIM,Genecards, Gene
KMT2A OMIM,Genecards, Gene
LBP OMIM,Genecards, Gene
LCN2 OMIM,Genecards, Gene
LEP OMIM,Genecards, Gene
LGALS2 OMIM,Genecards, Gene
LGALS3 OMIM,Genecards, Gene
LGR5 OMIM,Genecards, Gene
LST1 OMIM,Genecards, Gene
LTB4R OMIM,Genecards, Gene
LTB4R2 OMIM,Genecards, Gene
LTBR OMIM,Genecards, Gene
MAP3K14 OMIM,Genecards, Gene
MAP3K3OMIM,Genecards, Gene

MAP3K8 OMIM, Genecards, Gene
MAP4K4 OMIM, Genecards, Gene
MAPK14 OMIM, Genecards, Gene
MAPK8 OMIM, Genecards, Gene
MAVS OMIM, Genecards, Gene
MAZ OMIM, Genecards, Gene
MEFV OMIM, Genecards, Gene
MEP1B OMIM, Genecards, Gene
MERTK OMIM, Genecards, Gene
MIF OMIM, Genecards, Gene
MITF OMIM, Genecards, Gene
MMP12 OMIM, Genecards, Gene
MMP2 OMIM, Genecards, Gene
MMP9 OMIM, Genecards, Gene
MPO OMIM, Genecards, Gene
MST1R OMIM, Genecards, Gene
MUC5AC OMIM, Genecards, Gene
MUC5B OMIM, Genecards, Gene
MVK OMIM, Genecards, Gene
MYD88 OMIM, Genecards, Gene
NAMPT OMIM, Genecards, Gene
NCF1 OMIM, Genecards, Gene
NCR3 OMIM, Genecards, Gene
NFE2L1 OMIM, Genecards, Gene
NFE2L2 OMIM, Genecards, Gene
NFKB1 OMIM, Genecards, Gene
NFKBIA OMIM, Genecards, Gene
NFKBIZ OMIM, Genecards, Gene
NLRC4 OMIM, Genecards, Gene
NLRP1 OMIM, Genecards, Gene
NLRP2 OMIM, Genecards, Gene
NLRP3 OMIM, Genecards, Gene
NLRX1 OMIM, Genecards, Gene
NOD1 OMIM, Genecards, Gene
NOD2 OMIM, Genecards, Gene
NOTCH1 OMIM, Genecards, Gene
NOX1 OMIM, Genecards, Gene
NR1H2 OMIM, Genecards, Gene
NR1H3 OMIM, Genecards, Gene
NR3C1 OMIM, Genecards, Gene
NR4A2 OMIM, Genecards, Gene
NR5A2 OMIM, Genecards, Gene
OCLN OMIM, Genecards, Gene
OPTN OMIM, Genecards, Gene

OTULIN OMIM,Genecards, Gene
P2RX7 OMIM,Genecards, Gene
P2RY6 OMIM,Genecards, Gene
PARP1 OMIM,Genecards, Gene
PDCD1 OMIM,Genecards, Gene
PDPN OMIM,Genecards, Gene
PECAM1OMIM,Genecards, Gene
PF4 OMIM,Genecards, Gene
PGF OMIM,Genecards, Gene
PIK3CG OMIM,Genecards, Gene
PIN1 OMIM,Genecards, Gene
PLA2G3 OMIM,Genecards, Gene
PLA2G4A OMIM,Genecards, Gene
PLA2G7 OMIM,Genecards, Gene
PLG OMIM,Genecards, Gene
PON1 OMIM,Genecards, Gene
PON3 OMIM,Genecards, Gene
PPARA OMIM,Genecards, Gene
PPARD OMIM,Genecards, Gene
PPARG OMIM,Genecards, Gene
PRKAA1 OMIM,Genecards, Gene
PRKCD OMIM,Genecards, Gene
PROC OMIM,Genecards, Gene
PROK2 OMIM,Genecards, Gene
PROS1 OMIM,Genecards, Gene
PRTN3 OMIM,Genecards, Gene
PTEN OMIM,Genecards, Gene
PTGDR2 OMIM,Genecards, Gene
PTGER3 OMIM,Genecards, Gene
PTGER4 OMIM,Genecards, Gene
PTGIR OMIM,Genecards, Gene
PTGS1 OMIM,Genecards, Gene
PTGS2 OMIM,Genecards, Gene
PTPN6 OMIM,Genecards, Gene
PYCARD OMIM,Genecards, Gene
RAC1 OMIM,Genecards, Gene
RALBP1 OMIM,Genecards, Gene
RB1 OMIM,Genecards, Gene
RC3H1 OMIM,Genecards, Gene
REG1A OMIM,Genecards, Gene
REG4 OMIM,Genecards, Gene
RELA OMIM,Genecards, Gene
RETN OMIM,Genecards, Gene
RIPK1 OMIM,Genecards, Gene

RIPK3 OMIM,Genecards, Gene
RIPK4 OMIM,Genecards, Gene
ROCK1 OMIM,Genecards, Gene
RORC OMIM,Genecards, Gene
RUNX3 OMIM,Genecards, Gene
S100A12 OMIM,Genecards, Gene
S100A8 OMIM,Genecards, Gene
S100A9 OMIM,Genecards, Gene
S1PR1 OMIM,Genecards, Gene
SAMHD1 OMIM,Genecards, Gene
SCGB1A1 OMIM,Genecards, Gene
SCGB3A2 OMIM,Genecards, Gene
SELE OMIM,Genecards, Gene
SELL OMIM,Genecards, Gene
SELP OMIM,Genecards, Gene
SELPLG OMIM,Genecards, Gene
SEMA7AOMIM,Genecards, Gene
SERPINA1 OMIM,Genecards, Gene
SERPINB2 OMIM,Genecards, Gene
SERPINB3 OMIM,Genecards, Gene
SERPINB4 OMIM,Genecards, Gene
SFTPA1 OMIM,Genecards, Gene
SFTPD OMIM,Genecards, Gene
SGK1 OMIM,Genecards, Gene
SIGIRR OMIM,Genecards, Gene
SLC11A2 OMIM,Genecards, Gene
SLC22A5 OMIM,Genecards, Gene
SMAD4 OMIM,Genecards, Gene
SOCS1 OMIM,Genecards, Gene
SOCS3 OMIM,Genecards, Gene
SPINK1 OMIM,Genecards, Gene
SPP1 OMIM,Genecards, Gene
SRC OMIM,Genecards, Gene
SST OMIM,Genecards, Gene
ST14 OMIM,Genecards, Gene
STAT1 OMIM,Genecards, Gene
STAT3 OMIM,Genecards, Gene
STAT4 OMIM,Genecards, Gene
STAT6 OMIM,Genecards, Gene
STK11 OMIM,Genecards, Gene
TAC1 OMIM,Genecards, Gene
TAP2 OMIM,Genecards, Gene
TBX21 OMIM,Genecards, Gene
TET2 OMIM,Genecards, Gene

TFRC OMIM,Genecards, Gene
TGFB1 OMIM,Genecards, Gene
TGFB2 OMIM,Genecards, Gene
TICAM1 OMIM,Genecards, Gene
TIE1OMIM,Genecards, Gene
TIMP3 OMIM,Genecards, Gene
TIRAP OMIM,Genecards, Gene
TLR1 OMIM,Genecards, Gene
TLR2 OMIM,Genecards, Gene
TLR3 OMIM,Genecards, Gene
TLR4 OMIM,Genecards, Gene
TLR5 OMIM,Genecards, Gene
TLR7 OMIM,Genecards, Gene
TLR9 OMIM,Genecards, Gene
TNCOMIM,Genecards, Gene
TNF OMIM,Genecards, Gene
TP53 OMIM,Genecards, Gene
TP63 OMIM,Genecards, Gene
TRAF1 OMIM,Genecards, Gene
TRAF3IP2 OMIM,Genecards, Gene
TRAF6 OMIM,Genecards, Gene
TREM1 OMIM,Genecards, Gene
TREM2 OMIM,Genecards, Gene
TRIM27 OMIM,Genecards, Gene
TRPA1 OMIM,Genecards, Gene
TRPM2 OMIM,Genecards, Gene
TRPM8 OMIM,Genecards, Gene
TRPV1 OMIM,Genecards, Gene
TSC22D3 OMIM,Genecards, Gene
TSLP OMIM,Genecards, Gene
TYRO3 OMIM,Genecards, Gene
TYROBP OMIM,Genecards, Gene
VDROMIM,Genecards, Gene
VEGFA OMIM,Genecards, Gene
VEGFB OMIM,Genecards, Gene
VLDLR OMIM,Genecards, Gene
WWTR1 OMIM,Genecards, Gene
XBP1 OMIM,Genecards, Gene
YAP1 OMIM,Genecards, Gene
ZFP36 OMIM,Genecards, Gene

Supplementary Material 3. The fuller-length originals of Western blot

