

Supplementary Table 1 Comparison of General Information between the Two Groups of Patients

Group	Male/Female	Age (years)	Illness duration (years)	Education (years)	PANSS Score (points)
Intervention (n = 48)	28(58.33)/20(41.67)	40.52±6.73	1183±148	9.27 ±2.99	85.24 ±10.68
Control (n=49)	27(55.10)/22(44.90)	41.78±6.21	1355±5.99	10.08±2.24	85.98±11.21
t/ χ^2	0.103	-0.954	-1.949	-1.336	0.333
p	0.748	0.342	0.057	0.186	0.740

Supplementary Table 2 Gene Ontology and Kyoto Encyclopedia of Genes and Genomes

gokegg									
ONTO	ID	Description	Gene	BgRa	pvalue	p.adju	qvalue	geneID	Co
LOGY			Ratio	tio	e	st			unt
KEGG	hsa04728	Dopaminergic synapse	9/34	132/8164	2.13944E-09	3.61566E-07	2.70245E-07	COMT/GSK3B/SLC6A3/DRD1/DRD4/AKT1/CAMK2A/DRD3/DRD2	9
KEGG	hsa04024	cAMP signaling pathway	9/34	221/8164	1.93105E-07	1.63173E-05	1.21961E-05	POMC/DRD1/NPY/VIPR2/CHRM1/AKT1/CAMK2A/DRD2/BDNF	9
KEGG	hsa04080	Neuroactive ligand-receptor interaction	10/34	362/8164	1.31095E-06	7.38503E-05	5.5198E-05	POMC/DRD1/NPY/VIPR2/DRD4/CHRM1/CHRM5/DRD3/DRD2/HTR2A	10
KEGG	hsa04080	Gap junction	5/34	88/8	2.8226E-06	0.0011	0.0008	EGF/DRD1/GJA1/DRD2/HTR2A	5

	4540			164	3E-05	92562	91357		
KEGG	hsa0	Prostate cancer	5/34	97/8	4.5208	0.0013	0.0009	GSK3B/EGF/PLAU/AKT1/AR	5
	5215			164	7E-05	10668	79634		
KEGG	hsa0	Cocaine addiction	4/34	49/8	4.6532	0.0013	0.0009	SLC6A3/DRD1/DRD2/BDNF	4
	5030			164	6E-05	10668	79634		
KEGG	hsa0	Adipocytokine signaling	4/34	69/8	0.0001	0.0043	0.0032	POMC/RXRB/NPY/AKT1	4
	4920	pathway		164	79015	21944	30354		
KEGG	hsa0	ErbB signaling pathway	4/34	85/8	0.0004	0.0076	0.0057	GSK3B/EGF/AKT1/CAMK2A	4
	4012			164	00013	69279	32254		
KEGG	hsa0	Calcium signaling	6/34	240/	0.0004	0.0076	0.0057	EGF/DRD1/CHRM1/CAMK2A/CHRM5/	6
	4020	pathway		8164	08423	69279	32254	HTR2A	
KEGG	hsa0	Alcoholism	5/34	187/	0.0009	0.0163	0.0122	SLC6A3/DRD1/NPY/DRD2/BDNF	5
	5034			8164	69313	81392	43956		
KEGG	hsa0	Cholinergic synapse	4/34	113/	0.0011	0.0179	0.0134	CHRM1/AKT1/CAMK2A/CHRM5	4
	4725			8164	71571	99583	53441		
KEGG	hsa0	Focal adhesion	5/34	201/	0.0013	0.0182	0.0136	GSK3B/EGF/AKT1/XIAP/RELN	5
	4510			8164	39063	26737	23223		
KEGG	hsa0	Neurotrophin signaling	4/34	119/	0.0014	0.0182	0.0136	GSK3B/AKT1/CAMK2A/BDNF	4
	4722	pathway		8164	19638	26737	23223		
KEGG	hsa0	Thyroid hormone	4/34	121/	0.0015	0.0182	0.0136	GSK3B/RXRB/AKT1/DIO1	4
	4919	signaling pathway		8164	09907	26737	23223		

KEGG	hsa05207	Chemical carcinogenesis - receptor activation	5/34	212/8164	0.001696025	0.018396271	0.013749938	EGF/RXRB/AKT1/XIAP/AR	5
KEGG	hsa05213	Endometrial cancer	3/34	58/164	0.001741659	0.018396271	0.013749938	GSK3B/EGF/AKT1	3
KEGG	hsa04936	Alcoholic liver disease	4/34	142/8164	0.002712938	0.026036779	0.019460688	GSK3B/C4A/C4B/AKT1	4
KEGG	hsa05031	Amphetamine addiction	3/34	69/164	0.002866528	0.026036779	0.019460688	SLC6A3/DRD1/CAMK2A	3
KEGG	hsa04151	PI3K-Akt signaling pathway	6/34	354/8164	0.003056572	0.026036779	0.019460688	GSK3B/EGF/CHRM1/AKT1/RELN/BDNF	6
KEGG	hsa05226	Gastric cancer	4/34	149/8164	0.003228425	0.026036779	0.019460688	GSK3B/EGF/RXRB/AKT1	4
KEGG	hsa05223	Non-small cell lung cancer	3/34	72/164	0.003235339	0.026036779	0.019460688	EGF/RXRB/AKT1	3
KEGG	hsa05214	Glioma	3/34	75/164	0.003632081	0.02790099	0.020854056	EGF/AKT1/CAMK2A	3
KEGG	hsa01521	EGFR tyrosine kinase inhibitor resistance	3/34	79/164	0.004205643	0.030902332	0.023097352	GSK3B/EGF/AKT1	3
KEGG	hsa04610	Complement and coagulation cascades	3/34	85/164	0.005164409	0.036071057	0.026960616	C4A/C4B/PLAU	3
KEGG	hsa05207	Colorectal cancer	3/34	86/8164	0.005396025	0.036096271	0.026949938	GSK3B/EGF/AKT1	3

	5210			164	35955	71057	60616		
KEGG	hsa0	Small cell lung cancer	3/34	92/8	0.0064	0.0418	0.0312	RXRB/AKT1/XIAP	3
	5222			164	375	43752	75305		
KEGG	hsa0	Antifolate resistance	2/34	30/8	0.0068	0.0426	0.0318	ABCG2/MTHFR	2
	1523			164	07796	11763	4934		

Supplementary Table 3 Comparison of Clinical Efficacy Between the Two Groups

Group	Clinical remission	Significant improvement	Improvement	No improvement	Total effective
Intervention (n=48)	6(12.50)	10(20.83)	29(60.42)	3(6.25)	45(93.75)
Control (n=49)	2(4.08)	11(22.45)	13(26.53)	23(46.94)	36(73.47)
χ^2					7.240
p					0.007

Note: No improvement (reduction rate $\leq 25\%$); Improvement (reduction rate between 25% and 50%); Significant progress (reduction rate between 50% and 75%); Clinical recovery (reduction rate between 75% and 100%).

Supplementary Table 4 Comparison of PANSS and SANS Scores between the Two Groups

Group		Intervention(n =48)		Control(n =49)		T-value (post-treatment)	p -value (post-treatment)
		Pre-treatment	Post-treatment	Pre-treatment	Post-treatment		
PANSS	Negative factor	30.65 $\pm$ 6.25	14.65 $\pm$ 5.90 ^a	29.84 $\pm$ 7.78	24.33 $\pm$ 6.13 ^a	7.921	<0.001

score	Positive factor	17.52 ± 5.95	13.85 ± 5.32 ^a	18.20 ± 5.30	11.86 ± 4.72 ^a	1.950	0.054
	General pathology	33.40 ± 10.93	30.44 ± 8.29 ^a	34.45 ± 12.22	30.92 ± 9.67 ^a	0.262	0.794
	Totel	81.56 ± 19.45	58.79 ± 14.41 ^a	82.49 ± 22.21	67.10 ± 18.23 ^a	2.487	0.015
SANS		73.71 ± 15.15	44.17 ± 18.55 ^a	74.04 ± 16.26	52.57 ± 19.94 ^a	2.147	0.034

Note: ^a*p* < 0.05, compared to before treatment within the same group.

Supplementary Table 5 Comparison of RBANS and PSP Scores between the Two Groups

Group	Intervention(n =48)		Control(n =49)		T-value	<i>p</i> -value
	Pre-treatment	Post-treatment	Pre-treatment	Post-treatment		
RBANS	354.75 ± 82.15	393.63 ± 72.37 ^a	349.82 ± 74.42	362.21 ± 76.28 ^a	2.080	0.040
PSP	53.75 ± 15.99	62.88 ± 12.69 ^a	53.06 ± 16.50	56.18 ± 16.92 ^a	2.203	0.030

Note: ^a*p* < 0.05, compared to before treatment within the same group.

Supplementary Table 6 Comparison of Serum BDNF, 5-HT, and DA Levels Between the Two Groups [$\bar{x} \pm s$, M (P25, P75)].

Group	Intervention(n =48)		Control(n =49)		T/Z-value	<i>p</i> -value
	Pre-treatment	Post-treatment	Pre-treatment	Post-treatment		

BDNF(pg/mL)	12813.97 ± 4 930.45	19850.42 ± 4 442.94 ^a	14965.86 ± 4641.00	16915.58 ± 6 302.77 ^a	2.646	0.010
5-HT(ng/mL)	132.51(90.14 ,237.77)	152.79(112.47 ,267.46) ^a	121.60(76.67 , 184.35)	134.68(72.72 ,211.09) ^a	2.351	0.006
DA(pg/mL)	32.48(15.64 ,58.96)	52.78(21.81 ,89.40) ^a	27.20(14.64 ,69.60)	38.01(20.05 ,75.66) ^a	2.214	0.008

Note: ^a*p* < 0.05, compared to before treatment within the same group.

Supplementary Table 7 Comparison of Adverse Reactions between the Two Groups

Group	Excessive sleepiness	Weight gain	Nausea	Breast leakage	Total
Intervention(n=48)	1(2.08)	1(2.08)	2(4.16)	1(2.08)	5(10.42)
Control(n=49)	0(0.00)	1(2.08)	1(2.08)	1(2.08)	3(6.12)

Supplementary Table 8 GeneCards-Search Results

Genecard
DISC1
COMT
HTR2A
NRXN1
DRD3
PRODH
DISC2
MTHFR
DAOA
SCZD1
SCZD6
SCZD2
SCZD7
SCZD3
SCZD8
BDNF-AS
SCZD12
ZNF804A
SCZD11
TSNAX-DISC1
NPAS3
RELN
NRG1
RTN4R
DRD2
SYN2
SETD1A
SHANK3
MIAT
SCZD10

SCZD13
CHI3L1
SCZD14
PCDH15
DTNBP1
CSMD1
GABRB2
PRKN
ULK4
DAOA-AS1
ABCA13
DMD
SLC1A1
MSRA
DLG2
ASTN2
DLGAP2
RBFOX1
BDNF
EHMT1
MIR195
MIR206
MIR198
MIR30E
CTNND2
AHI1-DT
DPP10
APOL2
APOL4
FHIT
CHRNA7
MIR212

MIR29C

MIR9-1

DPP6

LPP

MIR107

Supplementary Table 9 OMIM-Gene-Map-Retrieval

OMIM-Gene-Map-Retrieval

DVL1

MTHFR

SPEN

NCDN

PDE4B

GCLM

PTPN22

NOTCH2NLC

POGZ

KCNN3

MUC1

MSTO1

FCGR2A

HSPA6

HSPA7

FCGR2B

NOS1AP

RGS4

RXRG

CHI3L1

DSTYK

TSNAX

DISC1

DISC2

POMC

NRXN1

CCDC88A

SCN2A

GAD1

CCDC141

CTLA4

ERBB4

SYN2

RARB

ULK4

TREX1

GRM2

MAGI1

DRD3

ZBTB20

GSK3B

RSRC1

CLCN2

HTT

WFS1

DRD5

CCKAR

PHOX2B

CLOCK

REST

SLC39A8

EGF

SLC6A3

HOMER1

HTR4

CLINT1

GABRG2

NKX2-5

DRD1

DTNBP1

ATXN1

CSNK2B

C4A

C4B

NOTCH4

RXRB

RING1

SYNGAP1

FKBP5

TRAF3IP2

ARHGAP18

TAAR6

TAAR5

AHI1

QKI

TBP

TWIST1

SP4

NPY

CAMK2B

ABCA13

GRM3

TRRAP

RELN

GPR85

KCNH2

NOS3

VIPR2

PCM1
PPP3CC
NKX2-6
FZD3
NRG1
SLC20A2
SMARCA2
SLC1A1
FBP2
DBH
GRIN1
PLAU
NRG3
FGFR2
DRD4
CALCA
TPH1
BDNF
CNTF
CHRM1
NRXN2
GRM5
DRD2
HTR3A
FXD6
FEZ1
TPH2
DAO
ATP2A2
NOS1
HTR2A
ATXN8OS

DZIP1
HS6ST3
FGF14
DAOA-AS1
DAOA
NPAS3
PRORP
GPHN
PSEN1
AKT1
CHRFAM7A
OTUD7A
CHRNA7
HOMER2
DNASE1
ROGDI
NDE1
SETD1A
BCKDK
VPS35
KIAA0513
YWHAE
SRR
NDEL1
RAI1
SLC6A4
PPP1R1B
MAPT
NSF
MPO
TANC2
USP14

GNAL
GATA6
ADNP2
DNMT1
ADGRL1
HOMER3
MAG
CEACAM21
APOE
FTL
EMC10

Supplementary Table 10 Intersection of Disease Targets

Disease	731
COMT	
PRODH	
SCZD1	
SCZD6	
SCZD2	
SCZD7	
SCZD3	
SCZD8	
BDNF-AS	
SCZD12	
ZNF804A	
SCZD11	
TSNAX-DISC1	
RTN4R	
SHANK3	
MIAT	
SCZD10	
SCZD13	

SCZD14
PCDH15
CSMD1
GABRB2
PRKN
DMD
MSRA
DLG2
ASTN2
DLGAP2
RBFOX1
EHMT1
MIR195
MIR206
MIR198
MIR30E
CTNND2
AHI1-DT
DPP10
APOL2
APOL4
FHIT
MIR212
MIR29C
MIR9-1
DPP6
MIR107
DVL1
SPEN
NCDN
PDE4B
GCLM

PTPN22
NOTCH2NLC
POGZ
KCNN3
MUC1
MSTO1
FCGR2A
HSPA6
HSPA7
FCGR2B
NOS1AP
RGS4
RXRG
DSTYK
POMC
CCDC88A
SCN2A
GAD1
CCDC141
CTLA4
ERBB4
RARB
TREX1
GRM2
MAGI1
ZBTB20
GSK3B
RSRC1
CLCN2
HTT
WFS1
DRD5

CCKAR
PHOX2B
CLOCK
REST
SLC39A8
EGF
SLC6A3
HOMER1
HTR4
CLINT1
GABRG2
NKX2-5
DRD1
ATXN1
CSNK2B
C4A
C4B
NOTCH4
RXRB
RING1
SYNGAP1
TRAF3IP2
ARHGAP18
TAAR6
TAAR5
AHI1
QKI
TBP
TWIST1
SP4
NPY
CAMK2B

GRM3
TRRAP
GPR85
KCNH2
NOS3
VIPR2
PCM1
PPP3CC
NKX2-6
SLC20A2
SMARCA2
FBP2
DBH
GRIN1
PLAU
NRG3
FGFR2
DRD4
CALCA
TPH1
CNTF
CHRM1
NRXN2
GRM5
HTR3A
FXD6
FEZ1
DAO
ATP2A2
NOS1
ATXN8OS
DZIP1

HS6ST3
FGF14
PRORP
GPHN
PSEN1
AKT1
CHRFAM7A
OTUD7A
HOMER2
DNASE1
ROGDI
NDE1
BCKDK
VPS35
KIAA0513
YWHAE
SRR
NDEL1
RAI1
SLC6A4
PPP1R1B
MAPT
NSF
MPO
TANC2
USP14
GNAL
GATA6
ADNP2
DNMT1
ADGRL1
HOMER3

MAG

CEACAM21

APOE

FTL

EMC10

CYLC2

IL17D

ASB12

FOXJ2

TUBGCP3

C6orf208

KIAA0391

GPBP1

SDHALP2

TSPAN5

C19orf30

DUSP6

ATXN1L

CDCA4

TRIM33

WDR53

C7orf20

NOL7

GPR87

AP3M2

SETD4

METAP2

LOC285771

PTK2B

KIAA0776

XIAP

DBF4

CAMK2A
OSBPL6
LHX6
KLK6
CHST12
FBXO3
CCIN
ABCC8
KCNG4
PPP1R14D
CHCHD10
CCDC53
EPB41L1
IFNAR2
MRPS18B
RG9MTD3
LOC441242
PROX2
ACP6
FMOD
CYP2J2
H6PD
KCTD2
DUSP4
PPP2R3C
LRCH4
PTPLB
DDX54
SYCE1
FLT4
DUSP3
ZNF16

CTRC
HERC2
SF3B3
BTBD17
SLC39A6
ADK
PRMT8
DDX50
ASPRV1
ETV1
UCK2
LOC645638
DGKI
C15orf40
KLF10
FAM83C
TCF25
LRCH1
LRRN1
GNPNAT1
GPR107
ZNF688
GOLPH3L
CAPN1
KAT2B
PCSK1
SPAG7
LOC389247
RP1-21O18.1
NPEPPS
RBPMS2
C15orf31

FARSB
RFTN1
RINT1
TRIM66
CEP70
SDF2L1
PLA2G4C
IRGM
FANCG
CRELD2
RSL1D1
SUCLG1
DDHD2
C19orf12
BYSL
FGF10
LOC439949
AR
PUS7
PER2
KCNMB4
KIAA1033
GNL2
ZNF677
ORMDL2
LOC100130905
POLD1
RFX4
MYO5B
MUC17
AFTPH
TGFB3

SUFU

ELN

MAGEF1

TRIM13

PPP4R1L

FLJ35424

KIAA1804

ZYG11B

OR4D1

SLC41A2

PCSK2

GSPT2

ATP11B

P4HB

ZNF346

PSPC1

LTA

DKK4

PDLIM5

LRAT

BPGM

BASP1

DIRC2

CENPL

KIAA0574

S100PBP

LOC339344

DLG5

MKKS

TRIM21

MRTO4

LOC728460

FAM59A
SLC9A3R2
TNRC6A
ANKRD6
NTN4
HEXB
STX17
ARHGEF17
SH3BP1
TMEM11
FLJ44342
LOC729059
FLOT2
MRPS22
TINF2
MRM1
TUBA3C
ZNF30
MAP3K1
TIMP3
SCYL3
LUZPP1
BCL2L2
LOC100129620
FLJ25037
TUBGCP5
LOC284014
ST6GALNAC6
UBE2L3
AVP
PDK1
CHRM5

HIVEP3
PRO1880
C2orf44
FAM178B
UBQLN4
RNF220
TMEM126B
CD226
BCLAF1
C1orf167
CDKN3
VCPIP1
RNF175
DSCR4
HLA-DOB
LOC285378
ADPRHL1
C5orf27
FLJ44450
GABPA
TELO2
CHCHD8
hCG_1983896
C18orf19
FRG1
NQO2
C1orf151
NUPL2
MAN2A2
EIF2B2
COL6A3
EPRS

LTBP2
ABCG2
ZNF653
CKM
KTN1
NDUFS1
CCDC112
LOC100128329
FIGNL1
CXCR3
ZNF271
ZNF704
PFN1
STX1B
HYAL1
WDR8
IRS4
PRO2012
LOC100131354
ACTR8
FMNL3
WIBG
JUB
RAD51L3
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NXT1
DIO1
UBQLN3
C11orf80
C9orf72
MUS81
CXorf39

FGFBP2
CCND3
ATP2A1
SH2B3
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MCFD2
CYP2R1
SMARCA1
HIST1H2BA
CBX4
MAP3K12
CLP1
STX18
TRIM52
LOC100130332
THAP11
LOC199899
NKAP
GPR114
CASZ1
KIF9
SIK2
ZNF382
RCE1
GABRQ
CYB5D1
LOC286121
SLC9A3R1
CTBP1
FOXA2
ZER1
RBPJ

RHEBL1
H1FNT
PCNT
PTK7
G6PC3
AP3B2
TRNAU1AP
LOC254128
KLC3
LOC257396
LCN10
CDH13
SPAG8
SPON1
PBXIP1
ASB17
KCNJ1
NFE2
ENPP6
LOC642980
SLC2A6
C10orf47
CDH4
HCP5
LOC100131316
KIAA1303
NANP
LOC151878
KLHDC7A
DSC3
KRTAP19-3
MGC3196

PPCDC
RASIP1
NDUFA6
C12orf53
NCAPH2
SLC26A9
REG3A
CCR7
BRI3BP
L3MBTL
ATP6V1G1
TIGD2
LOC439990
MPP5
LOC730057
AFP
SDHA
TMEM149
LOC286178
CP110
PLAUR
LOC100129701
PEA15
FABP7
SLC2A1
SUGT1L1
TMEM123
CYorf15B
C1orf31
ATE1
TBC1D14
FAM65B

ZNF839
CNN3
TMEM129
LOC643224
NDUFA8
INTS8
CXCL12
LOC286382
DIABLO
BTD
SLC35A3
CCDC48
ZNF852
C22orf26
TGM5
C11orf24
C5orf46
TIAL1
LOC728564
EIF2C3
MANSC1
CNPY2
ZNF788
MED15
IDE
TMEM185A
TNRC6C
ZNF426
HSF2BP
CACYPB
LIN9
NCRNA00164

RNF13
TMEM33
RIOK1
CRYZ
FKBP4
TATDN3
NTHL1
DUSP21
LOC100130360
MERTK
C2orf60
DNAJC19
ST14
C10orf81
C7orf27
SPR
LDHA
KLHDC8A
LOC283868
GLUD1
IPO8
PCDHB16
CYP27C1
KPNB1
HSPB1
CYP4B1
44986
CST3
TTC32
ZNF793
KIF27
DKC1

ABLM2
GAST
MICALL1
KARS
POU5F2
GPR98
ZW10
NOB1
MRPL17
USP35
ZNF556
SIRT1
BRWD1
AMACR
ABCD2
CLDN10
SDHC
MED17
REV1
KAL1
GALNTL6
SEPT2
CABLES1
SDR39U1
BOK
NRBP2
PP13439
GJA1
SC65
ICT1
KIAA0831
KIAA1539

LOC253573

DHRS7B

SLC44A3

ATG7

CDS1

PHTF2

PTPN23

GPR153

POLR3GL

CLECL1

CAV2

LOC730098

LRRC45

GRPEL1

CALN1

FLJ30594

AKAP4

FAM181B

LOC641518

DUOX2

CLCA1

CRIP2

SPRY4

PCBD2

LIN7C

AGXT2L1

RBBP8

EPB41L4A

SAAL1

THOP1

DAAM1

NDUFS4

ZFP91
ALDH1L1
SAMD9
ACTB
MIXL1
CHD7
SLC25A34
STX6
DBT
TMEM132B
SCML2
ST6GALNAC3
NEU1
HIGD2A
C14orf80
ZIC3
SLC7A8
ZNF577
EDEM3
NLGN4Y
TP53BP2
CMTM1
GPX8
CDC20
RGR
PSG1
IL1RL2
CCDC43
HORMAD2
VAMP7
MSTP9
BTBD9

GLUD2
MOBKL1A
LRBA
ZBTB44
C21orf56
DFNB59
BMS1P5
P2RY14
GRP
IZUMO1
PRAGMIN
C5orf13
ZC3H12C
HSPB2
MRPL23
DISC1
NRXN1
DRD3
DISC2
MTHFR
DAOA
NPAS3
RELN
NRG1
DRD2
SYN2
SETD1A
CHI3L1
DTNBP1
ULK4
DAOA-AS1
ABCA13

SLC1A1
BDNF
CHRNA7
LPP
HTR2A
TSNAX
FKBP5
FZD3
TPH2

Supplementary Table 11 Components of Traditional Chinese Medicine

Components of Traditional Chinese Medicine	
xiangf	<u>Resivit</u>
u	<u>Khell</u>
	<u>Isodalbergin</u>
	<u>Chryseriol</u>
	<u>luteolin</u>
	<u>sitosterol</u>
	<u>beta-sitosterol</u>
	<u>8-Isopentenyl-kaempferol</u>
	<u>kaempferol</u>
	<u>stigmasterol glucoside qt</u>
	<u>Stigmasterol</u>
	<u>sugeonyl acetate</u>
	<u>1,4-Epoxy-16-hydroxyheneicos-1,3,12,14,18-pentaene</u>
	<u>quercetin</u>
	<u>isorhamnetin</u>
	<u>Hyndarin</u>
	<u>khellol glucoside</u>
	<u>rosenonolactone</u>
chuan	<u>Mandenol</u>
xiong	<u>senkyunone</u>

	<u>Perlolyrine</u>
	<u>Myricanone</u>
	<u>FA</u>
	<u>wallichilide</u>
	<u>sitosterol</u>
cangz	<u>2-Hydroxyisoxypyl-3-hydroxy-7-isopentene-2,3-dihydrobenzofuran-5-carboxy</u>
hu	<u>lic</u>
	<u>3β-acetoxyatractylone</u>
	<u>wogonin</u>
	<u>beta-daucosterol_qt</u>
	<u>beta-sitosterol 3-O-glucoside_qt</u>
	<u>daucosterin_qt</u>
	<u>daucosterol_qt</u>
	<u>Stigmasterol 3-O-beta-D-glucopyranoside_qt</u>
	<u>NSC63551</u>
shenq	artemisinin
u	Pentatriacontane
	quercetin
	rutin
zhizi	<u>croctin</u>
	<u>(4aS,6aR,6aS,6bR,8aR,10R,12aR,14bS)-10-hydroxy-2,2,6a,6b,9,9,12a-heptamethyl-1,3,4,5,6,6a,7,8,8a,10,11,12,13,14b-tetradecahydronicene-4a-carboxylic acid</u>
	<u>Ammidin</u>
	<u>Sudan III</u>
	<u>quercetin</u>
	<u>beta-sitosterol</u>
	<u>kaempferol</u>
	<u>Stigmasterol</u>
	<u>Mandenol</u>

Supraene

isoimperatorin

Ethyl oleate (NF)

5-hydroxy-7-methoxy-2-(3,4,5-trimethoxyphenyl)chromone

3-Methylkempferol

GBGB

Supplementary Table 12 Drug Targets

Drug Targets

PTGS1

ESR1

AR

SCN5A

PPARG

PTGS2

RXRA

DPP4

MAPK14

GSK3B

HSP90AA1

CDK2

CHEK1

PRSS1

CALM1

ADRB2

GABRA1

RELA

AKT1

CCND1

BCL2

CDKN1A

EIF6

BAX
CASP9
KDR
TNFSF15
JUN
IL6
AHSA1
CASP3
TP63
BBC3
TEP1
MMP1
CCL2
PRKCD
PTGER3
FSD1
IL8RA
MCL1
PGR
DRD1
CHRM3
HTR
CHRM1
ACHE
SLC6A2
ADRA1A
CHRM2
SLC6A3
SLC6A4
OPRM1
NCOA2
NR3C2

KCNH2

F7

ESR2

IGHG1

CCNA2

NCOA1

NR3C1

CHRM4

ADRA1B

CHRNA2

CASP8

PRKCA

PON1

MAP2

CHRM5

HTR3A

CA2

ADRA2C

OPRD1

ADRA1D

RXRB

ADRB1

DRD3

DRD2

PPARD

AKR1B1

MAOB

GRIA2

NCF1

OLR1

IKBKB

MAPK8

STAT1
CDK1
HMOX1
CYP3A4
CYP1A2
CYP1A1
ICAM1
SELE
VCAM1
NR1I2
CYP1B1
ALOX5
HAS2
GSTP1
AHR
PSMD3
NR1I3
INSRR
DIO1
PPP3CA
GSTM1
GSTM2
AKR1C3
SLPI
EGFR
VEGFA
BCL2L1
MMP2
MMP9
MAPK1
IL10RB
RB1

CDK4
NFKBIA
TOP1
MDM2
APP
PCNA
ERBB2
CASP7
BIRC5
IL2
CCNB1
TYR
IFNGR1
IL4
TOP2A
XIAP
CD40LG
PTGES
NUF2
ADCY2
MET
MMP3
FOS
PLAU
EGF
ELK1
POR
ODC1
RAF1
SOD1
HIF1A
RUNX1T1

HSPA5
ACACA
CAV1
MYC
F3
GJA1
IL1B
PRKCB
DUOX2
HSPB1
SULT1E1
PLAT
THBD
SERPINE1
COL1A1
IL1A
MPO
ABCG2
NFE2L2
NQO1
PARP1
COL3A1
CXCL11
CXCL2
DCAF5
CHEK2
CLDN4
PPARA
HSF1
CRP
CXCL10
CHUK

SPP1
RUNX2
RASSF1
E2F1
E2F2
ACPP
CTSD
IGFBP3
IGF2
IRF1
ERBB3
PCOLCE
NPEPPS
HK2
RASA1
ADH1C
ADRA2A
LTA4H
MAOA
CTRB1
CACNA2D1
BACE1
MAPK10
TDP1
ABCB1
CYP2B6
VEGFC
GSTA1
PRDX4
CAT
HMGCR
C5AR1

INS

FCER2

ITGB2

TBXA2R

PRL

TNF

HTR2A

RGS7

HTR2C

JAK2

LEP

NPY

ADIPOQ

POMC

AGRP

BDNF

GFAP

GHRL

GHSR

PIK3R1

PRKAG2

ABCB1A

ABCB1B

CPT2

CTNNB1

HRH1

IL10

NFKB1

PPARGC1A

SLC22A5

SREBF1

TRPV1

ACOX1
AQP4
FABP1
GAD1
GPT
KCNIP3
LDLR
MTHFR
NEDD4
RELN
SLC27A2
SLC27A5
SREBF2
STAT3
TRPV3
A1BG
A2M
ABCB11
ADCYAP1R1
AFM
ALB
APOA1
APOA4
APOB
APOC3
APOH
BIK
C15
C3
C4A
C4B
C5

C6

C9

CAMK2A

CFB

CFH

CLU

COMT

CP

CREB1

DAB1

DCLK1

DRD4

F2

FASN

FGF2

FN1

FOSL1

GAD2

GC

GCLC

GRIA3

HMGCS1

HPX

HRG

HTR6

ITIH2

ITIH4

KCNA1

KCNAB1

KLC1

KNG1

MAL

NCAN
NPTN
NUMBL
PDE1A
PDE8B
PLP1
PNPLA2
PRRC2A
RAPGEF4
RTN4
S100A9
SC5D
SERPINA3
SERPING1
SERPINI1
SHBG
SLC22A2
SLC2A4
SLC7A11
SNAP25
SYPL1
TH
TP53
TTR
UCP1
VIPR2
VLDLR

Supplementary Table 13 Intersection Genes

Intersection Genes
COMT
POMC

GAD1
GSK3B
EGF
SLC6A3
DRD1
C4A
C4B
RXRB
NPY
KCNH2
VIPR2
PLAU
DRD4
CHRM1
HTR3A
AKT1
SLC6A4
MPO
XIAP
CAMK2A
NPEPPS
AR
CHRM5
ABCG2
DIO1
HSPB1
GJA1
DUOX2
DRD3
MTHFR
RELN
DRD2

BDNF

HTR2A
