

Potential targets of two herbs contained in the herbal pairing of Dangshen and Huangqi (DHP)

Potential targets of Dangshen	Potential targets of Huangqi	ALL of potential targets of DHP after remove duplicate values
ACHE	ALOX15	ACHE
NFKB1	ALOX15B	NFKB1
CA2	ALOX12	CA2
CA7	ABL1	CA7
CA1	SYK	CA1
CA3	F3	CA3
CA6	MAOB	CA6
CA12	ADAMTS5	CA12
CA14	SIGMAR1	CA14
CA9	WEE1	CA9
CA4	CHEK1	CA4
CA13	TGFBR1	CA13
CA5B	PDE10A	CA5B
CA5A	NDUFA4	CA5A
MAOA	KDR	MAOA
ESR1	MET	ESR1
ESR2	AURKB	ESR2
NQO1	PTK2	NQO1
EGFR	PLK1	EGFR
HSD17B2	CA14	HSD17B2
ALOX12	DRD2	ALOX12
IL2	MKNK1	IL2
ADORA1	CLK4	ADORA1
ADORA2A	CLK1	ADORA2A
HSD17B1	CLK2	HSD17B1
CYP19A1	CLK3	CYP19A1
PTPRS	DYRK1B	PTPRS
CBR1	CDC25C	CBR1
XDH	CDC25A	XDH
PFKFB3	CDC25B	PFKFB3
ABCB1	LDHB	ABCB1
ESRRA	ALPL	ESRRA
ABCG2	NOX4	ABCG2
TYR	RET	TYR
PTGS1	CDK2	PTGS1
SLC6A2	CDK4	SLC6A2
ALDH2	HSD17B3	ALDH2
TBXAS1	MMP1	TBXAS1
MGAM	CHRNA7	MGAM
HTR2A	GSK3B	HTR2A
HTR2C	QPCTL	HTR2C
ESRRB	CDK1	ESRRB
ALOX15	CDK7	ALOX15
MIF	CDK9	MIF
TLR9	TLR9	TLR9
PON1	TRPM8	PON1
NOX4	ALDH3A1	NOX4
MCL1	CCNB1	MCL1
PIM1	CCNA1	PIM1
SNCA	CCNA2	SNCA
STS	CCNH	STS
PPARA	CCNT1	PPARA
BACE1	IL2	BACE1
IGFBP3	CYP19A1	IGFBP3
AKR1B1	ALDH2	AKR1B1
MAOB	ESR1	MAOB
HSP90B1	CA12	HSP90B1
TNNC1	ADORA1	TNNC1
HSP90AA1	ADORA2A	HSP90AA1
IGFBP6	TBXAS1	IGFBP6
IGFBP4	MAOA	IGFBP4
IGFBP5	MGAM	IGFBP5
IGFBP2	HTR2A	IGFBP2
IGFBP1	HTR2C	IGFBP1
TNNC2	ESRRA	TNNC2
TNNC3	ESRRB	TNNC3
CTSD	ABCG2	CTSD
SRD5A1	CA7	SRD5A1
SRD5A2	HSD17B2	SRD5A2
CCR5	CA4	CCR5
NR3C2	CBR1	NR3C2
SERPINA6	SLC6A2	SERPINA6
SIGMAR1	EGFR	SIGMAR1
SHBG	TYR	SHBG
NR1I2	XDH	NR1I2
HSD17B3	PFKFB3	HSD17B3
FABP1	ESR2	FABP1
HMGCR	PTPRS	HMGCR
CYP51A1	HSD17B1	CYP51A1
PGR	ABCB1	PGR
NR3C1	MIF	NR3C1
CDC25A	PPARA	CDC25A
NR1I3	PTGS1	NR1I3
CYP17A1	CA2	CYP17A1
FAAH	CA1	FAAH

TRPV1
AR
HSD3B1
PTGES
PTPN6
PTPN2
NPC1L1
NOS2
PIM3
FNTA
ACACB
FNTB
NR1H3
RORC
SREBF2
RORA
PTPN1
CYP2C19
BCHE
CHRM2
NR1H2
SLC6A4
VDR
DHCR7
G6PD
GLRA1
HSD11B1
CES2
PTGER1
PTGER2
PPARD
SQLE
HSD11B2
UGT2B7
MDM2
POLB
PREP
ATP12A
FABP4
PPARG
TERT
FABP3
FABP5
ADORA3
MAPK3
PRKCH
PTPN11
AKR1B10
PTPRF
PLA2G1B
ACP1
TOP2A
TNKS
NTRK1
CYP1B1
PGK1
MGLL
SLC5A7
MMP1
FLT1
GRM5
GRM1
TACR1
PDGFRA
CRHR1
RPS6KB1
AURKA
JAK3
JAK2
TRPM8
UTS2R
NAAA
MTNR1B
HTR7
FPR2
PGGT1B
PDE4A
PDE4C
PRKCG
PRKCA
HCRTR2
HCRTR1
CYP27A1
P2RX7
GRM2
SIRT3
SIRT2

PON1
TNKS2
TNKS
ACHE
CA3
CA6
CA13
CA5B
CA5A
DHODH
STS
ERCC5
FEN1
RAF1
CA9
PTPN1
BACE1
TYMS
DHFR
SLC46A1
SLC19A1
HDAC6
FOLR1
FOLR2
FPGS
HDAC8
HDAC1
GART
ATIC
MME
PYGM
AKR1B1
SF3B3
PSMB5
CSNK2A2
CASP3
PIK3R1
EPHB2
HSP90AA1
NR4A1
HTT
HSP90AB1
DAO
MAPKAPK2
RPS6KA2
PIM1
PIM2
FLT1
EZR
CTSS
LCK
HDAC3
HDAC2
HDAC5
HDAC7
NCOR1
HDAC11
HDAC4
HDAC9
HDAC10
ADORA2B
VCP
MMP8
LNPEP
DNM1
PIM3
MMP25
MMP16
ADAM17
BMP1
MMP7
ADAM10
SRC
FLT3
CSNK1G1
RPS6KA1
ROCK1
BAD
MAPK1
PDK1
MTOR
PIK3CD
PIK3CB
PIK3CG
PIK3CA
PRF1
ALK

TRPV1
AR
HSD3B1
PTGES
PTPN6
PTPN2
NPC1L1
NOS2
PIM3
FNTA
ACACB
FNTB
NR1H3
RORC
SREBF2
RORA
PTPN1
CYP2C19
BCHE
CHRM2
NR1H2
SLC6A4
VDR
DHCR7
G6PD
GLRA1
HSD11B1
CES2
PTGER1
PTGER2
PPARD
SQLE
HSD11B2
UGT2B7
MDM2
POLB
PREP
ATP12A
FABP4
PPARG
TERT
FABP3
FABP5
ADORA3
MAPK3
PRKCH
PTPN11
AKR1B10
PTPRF
PLA2G1B
ACP1
TOP2A
TNKS
NTRK1
CYP1B1
PGK1
MGLL
SLC5A7
MMP1
FLT1
GRM5
GRM1
TACR1
PDGFRA
CRHR1
RPS6KB1
AURKA
JAK3
JAK2
TRPM8
UTS2R
NAAA
MTNR1B
HTR7
FPR2
PGGT1B
PDE4A
PDE4C
PRKCG
PRKCA
HCRTR2
HCRTR1
CYP27A1
P2RX7
GRM2
SIRT3
SIRT2

LRRK2
MTNR1A
CXCR2
ROCK2
PDE10A
PDE7A
ALOX5
PSEN2
KDM1A
CACNA2D1
TGM2
PDE1B
TGFBFR1
FLT3
HDAC6
CHRNA7
HDAC1
PIK3CA
KCNA5
QPCT
IDO1
PARP2
GPBAR1
ABAT
PDGFRB
PSENE1
NCSTN
APH1A
PSEN1
APH1B
CHRM1
CHRM3
DPP4
SRC
PRKCQ
JAK1
ADRB2
PDE5A
SCN5A
PDE11A
LAP3
PEPD
CHRNA4
ADRB1
ADRB3
GRIN2B
IRAK4
CHRM4
CHRM5
HTR1A
DRD2
DRD4
DRD3
CHEK1
TRPV3
ADRA1A
TLR4
SLC18A3
SLC6A9
XPNPEP1
XPNPEP2
PRMT6
PRMT8
PRMT1
REN
OPRM1
HTR4
PNMT
FDFT1
ADRA1D
HTR2B
SYK
ZAP70
LYN
GSK3B
XIAP
BIRC2
ADRA1B
AKT1
MAPK14
LTA4H
ADRA2A
MAP3K12
F2
F10
HRH3
CYP2D6

IMPDH1
IMPDH2
PRKCA
SGK1
CASP7
TAAR1
CDK5
DYRK2
AURKA
EP300
FCER2
PDE7A
NCOR2
CCND1
CCNE1
CCNE2
CCND2
CCND3
CCNB2
CCNB3
CDK5R1
KIT
MAP2K1
FGFR1
PARP1
COMT
JAK3
AR
ERN1
MMP9
MMP2
PDE4C
CDC7
ALPG
PLAA
TUBB1
MBD2
TUBB3
ANPEP
GRM4
DBF4
SAE1
POLB
AKR1B10
HSD11B1
PTGES
NR1H4
GPBAR1
PTPN2
TOP2A
TERT
RORC
PTPRF
ACPI
FABP4
FAAH
FABP3
FABP5
PPARD
FABP1
PTPN11
UGT2B7
SCD
CES2
SERPINA6
SHBG
CYP51A1
GABBR1
PLA2G1B
PDE4D
TOP1
NPC1L1
CYP17A1
VDR
GABRA2
SLC6A3
ADORA3
PPARG
FFAR1
FABP2
HSF1
NR3C1
GABRB2
GABRG2
UBA2
PDE3A
PDE3B

LRRK2
MTNR1A
CXCR2
ROCK2
PDE10A
PDE7A
ALOX5
PSEN2
KDM1A
CACNA2D1
TGM2
PDE1B
TGFBFR1
FLT3
HDAC6
CHRNA7
HDAC1
PIK3CA
KCNA5
QPCT
IDO1
PARP2
GPBAR1
ABAT
PDGFRB
PSENE1
NCSTN
APH1A
PSEN1
APH1B
CHRM1
CHRM3
DPP4
SRC
PRKCQ
JAK1
ADRB2
PDE5A
SCN5A
PDE11A
LAP3
PEPD
CHRNA4
ADRB1
ADRB3
GRIN2B
IRAK4
CHRM4
CHRM5
HTR1A
DRD2
DRD4
DRD3
CHEK1
TRPV3
ADRA1A
TLR4
SLC18A3
SLC6A9
XPNPEP1
XPNPEP2
PRMT6
PRMT8
PRMT1
REN
OPRM1
HTR4
PNMT
FDFT1
ADRA1D
HTR2B
SYK
ZAP70
LYN
GSK3B
XIAP
BIRC2
ADRA1B
AKT1
MAPK14
LTA4H
ADRA2A
MAP3K12
F2
F10
HRH3
CYP2D6

DRD1
MAPK1
NOS1
OGFRL1
DPP7
DPP8
DPP9
PARP1
PIM2
IGF1R
INSR
RET
AURKB
MAP2K1
MET
NTRK2
ACVRL1
ROS1
NTRK3
BRD2
ABL1
KIT
CHRN2
GLI1
JUN
GRB2
ATP1A1
CNR1
FFAR1
PTGS2
SCD
PTGIR
CNR2
NPY1R
NPY5R
SSTR4
RAF1
HRH4
BCL2
FKBP1A
PTAFR
SMO
IDH1
F2R
MAPK10
APP
PDE4D
EPHX1
SOAT1
C5AR1
LCK
CALCRL
CDC7
HRH2
ROCK1
CDC25B
CD81
SLC6A3
CES1
AVPR2
AVPR1A
EPHX2
TGM1
F13A1
GABBR1
SLC5A1
TGM6
CTSK
METAP1
MCHR1
CTSS
CTSB
S1PR3
S1PR1
PLA2G4A
VCP
PRKCD
KCNK2
CDK5
CDK1
GLO1
TTR
MMP9
MMP2
MMP12
CD38
TNKS2

CYP11B1
RPS6KB1
GRM1
MCL1
SLC27A1
SCN9A
BRAF
GABRA1
GABRA5
PPP1CA
RGS4
GABRA3
GABRA6
LRRK2
CSNK1D
NQO2
PGK1
PLK3
PLK2
MERTK
PDGFRA
KCNK9
PRKCQ
SLC1A3
FPR2
CNR1
PDE5A
PDE2A
TTK
SIRT2
HTR3A
ROCK2
ELANE
PLAU
NTRK1
ALOX5AP
BRD4
BRD2
BRD3
IKBKE
HCRTR2
NPBWR1
PKN2
BDKRB2
CNR2
HSP90B1
CRHR1
CYP1A1
EPHX2
BRPF1
HCRTR1
PDGFRB
CDK8
GABRB3
CCNC
PLG
ALOX5
CYP1B1
APP
OPRD1
OPRM1
AHR
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MMP3
GPR35
MPG
SLC22A12
ABCC1
BCHE
KDM4E
GLO1
CAMK2B
NEK6
APEX1
NUAK1
AKR1C1
DAPK1
IGF1R
MYLK
CSNK2A1
AXL
ODC1
PTGS2
CDK6
ARG1
TAS2R31
AKT1

DRD1
MAPK1
NOS1
OGFRL1
DPP7
DPP8
DPP9
PARP1
PIM2
IGF1R
INSR
RET
AURKB
MAP2K1
MET
NTRK2
ACVRL1
ROS1
NTRK3
BRD2
ABL1
KIT
CHRN2
GLI1
JUN
GRB2
ATP1A1
CNR1
FFAR1
PTGS2
SCD
PTGIR
CNR2
NPY1R
NPY5R
SSTR4
RAF1
HRH4
BCL2
FKBP1A
PTAFR
SMO
IDH1
F2R
MAPK10
APP
PDE4D
EPHX1
SOAT1
C5AR1
LCK
CALCRL
CDC7
HRH2
ROCK1
CDC25B
CD81
SLC6A3
CES1
AVPR2
AVPR1A
EPHX2
TGM1
F13A1
GABBR1
SLC5A1
TGM6
CTSK
METAP1
MCHR1
CTSS
CTSB
S1PR3
S1PR1
PLA2G4A
VCP
PRKCD
KCNK2
CDK5
CDK1
GLO1
TTR
MMP9
MMP2
MMP12
CD38
TNKS2

TOP1
ARG1
ABCC1
CDK6
CSNK2A1
CFTR
AMY1A
GRK6
CDK2
AHR
GPR35
DAPK1
MPO
PIK3R1
PYGL
PTK2
KDR
MMP13
MMP3
PLK1
PKN1
NEK2
CXCR1
CAMK2B
ALK
NEK6
AXL
NUAK1
AKR1C2
AKR1C1
AKR1C3
AKR1C4
AKR1A1
KDM4E
PLG
CDK5R1
CCNB1
CCNB2
CCNB3

F2
NAE1
AMY1A
NOS2
DRD4
AVPR2
MMP12
MPO
PYGL
PKN1
NEK2
CXCR1
AKR1C2
AKR1C3
AKR1C4
AKR1A1
MAPT
INSR
TTR
CD38
SLC5A2
SLC5A1
HRAS
CHIA
DUSP3
PLAT
F10
CFTR
GRK6
EIF4A1
SLC29A1
GBA
SLC28A2
SLC2A1
MGMT
ADK
HSPA5
LGALS3
LGALS1
LGALS7
LGALS9
NR1H3
HMGCR
SREBF2
RORA
CYP2C19
G6PD
SLC6A4
NR1H2
CHRM2
NR1I3
GLRA1
DHCR7
PTGER1
PTGER2
SQLE
PTPN6
FDFT1
PREP
OXTR
AVPR1A
CMA1
CTSG
JUN

TOP1
ARG1
ABCC1
CDK6
CSNK2A1
CFTR
AMY1A
GRK6
CDK2
AHR
GPR35
DAPK1
MPO
PIK3R1
PYGL
PTK2
KDR
MMP13
MMP3
PLK1
PKN1
NEK2
CXCR1
CAMK2B
ALK
NEK6
AXL
NUAK1
AKR1C2
AKR1C1
AKR1C3
AKR1C4
AKR1A1
KDM4E
PLG
CDK5R1
CCNB1
CCNB2
CCNB3
ALOX15B
F3
ADAMTS5
WEE1
NDUFA4
MKNK1
CLK4
CLK1
CLK2
CLK3
DYRK1B
CDC25C
LDHB
ALPL
CDK4
QPCTL
CDK7
CDK9
ALDH3A1
CCNA1
CCNA2
CCNH
CCNT1
DHODH
ERCC5
FEN1
TYMS
DHFR
SLC46A1
SLC19A1
FOLR1
FOLR2
FPGS
HDAC8
GART
ATIC
MME
PYGM
SF3B3
PSMB5
CSNK2A2
CASP3
EPHB2
NR4A1
HTT
HSP90AB1
DAO
MAPKAPK2

RPS6KA2
EZR
HDAC3
HDAC2
HDAC5
HDAC7
NCOR1
HDAC11
HDAC4
HDAC9
HDAC10
ADORA2B
MMP8
LNPEP
DNM1
MMP25
MMP16
ADAM17
BMP1
MMP7
ADAM10
CSNK1G1
RPS6KA1
BAD
PDK1
MTOR
PIK3CD
PIK3CB
PIK3CG
PRF1
IMPDH1
IMPDH2
SGK1
CASP7
TAAR1
DYRK2
EP300
FCER2
NCOR2
CCND1
CCNE1
CCNE2
CCND2
CCND3
FGFR1
COMT
ERN1
ALPG
PLAA
TUBB1
MBD2
TUBB3
ANPEP
GRM4
DBF4
SAE1
NR1H4
GABRA2
FABP2
HSF1
GABRB2
GABRG2
UBA2
PDE3A
PDE3B
CYP11B1
SLC27A1
SCN9A
BRAF
GABRA1
GABRA5
PPP1CA
RGS4
GABRA3
GABRA6
CSNK1D
NQO2
PLK3
PLK2
MERTK
KCNK9
SLC1A3
PDE2A
TTK
HTR3A
ELANE
PLAU

ALOX5AP
BRD4
BRD3
IKBKE
NPBWR1
PKN2
BDKRB2
CYP1A1
BRPF1
CDK8
GABRB3
CCNC
OPRD1
MPG
SLC22A12
APEX1
MYLK
ODC1
TAS2R31
NAE1
MAPT
SLC5A2
HRAS
CHIA
DUSP3
PLAT
EIF4A1
SLC29A1
GBA
SLC28A2
SLC2A1
MGMT
ADK
HSPA5
LGALS3
LGALS1
LGALS7
LGALS9
OXTR
CMA1
CTSG