

Ingredient	Target
Astragalos	CXCR4
Chrysanth	ADA
Chrysanth	ITFG2
Chrysanth	DGUOK
Chrysanth	XDH
Chrysanth	ADORA1
Soyasapon	NR3C1
Soyasapon	ATP1A1
Soyasapog	ESR1
Soyasapog	PGR
Soyasapog	AR
Soyasapog	NR3C1
Soyasapog	ANXA1
Astrameml	CXCR4
Kaempferc	HSD17B1
Kaempferc	CRYZ
Kaempferc	VKORC1
Kaempferc	NQO1
Astragalos	CXCR4
Astragalos	CXCR4
Sucrose	CXCR4
Sucrose	NFKB2
Sucrose	TNF
Sucrose	MMP9
Sucrose	IFNG
Astragalos	CXCR4
3,5-Dimetl	PDE4A
3,5-Dimetl	PDE3A
3,5-Dimetl	CACNA1C
3,5-Dimetl	TRDMT1
3,5-Dimetl	DHFRL1
3,5-Dimetl	DHFR
3,5-Dimetl	PDE10A
3,5-Dimetl	PDE2A
3,5-Dimetl	TYMS
3,5-Dimetl	SHMT1
3,5-Dimetl	PDE3B
3,5-Dimetl	DMTN
3,5-Dimetl	KCNMA1
3,5-Dimetl	ABCC2
3,5-Dimetl	FOLR2
3,5-Dimetl	PDE5A
3,5-Dimetl	PDE9A
3,5-Dimetl	TBPL1
3,5-Dimetl	DNMT3A
3,5-Dimetl	STUB1
3,5-Dimetl	INSR
3,5-Dimetl	P2RX2
3,5-Dimetl	HTR2A
3,5-Dimetl	SIRT2
3,5-Dimetl	HCN4
3,5-Dimetl	DPYD
3,5-Dimetl	HOXA5
3,5-Dimetl	FBLN1
3,5-Dimetl	SLC22A6
3,5-Dimetl	ASNS
3,5-Dimetl	ADK

3,5-Dimethyl IL1B
3,5-Dimethyl NT5M
3,5-Dimethyl P2RX3
3,5-Dimethyl AURKA
3,5-Dimethyl GAS6
3,5-Dimethyl CMPK2
3,5-Dimethyl PDE1B
3,5-Dimethyl DPYS
3,5-Dimethyl CHRNA3
3,5-Dimethyl HSP90AB1
3,5-Dimethyl CHRNA2
3,5-Dimethyl SLC6A4
3,5-Dimethyl DUT
3,5-Dimethyl RAPGEF2
3,5-Dimethyl ATIC
3,5-Dimethyl AK9
3,5-Dimethyl CDKN1A
3,5-Dimethyl HIF1A
3,5-Dimethyl FOLR1
3,5-Dimethyl RAB8B
3,5-Dimethyl HYAL2
3,5-Dimethyl DNMT3B
3,5-Dimethyl HSP90AA1
3,5-Dimethyl DNMT1
3,5-Dimethyl PARP10
3,5-Dimethyl CHRNA4
3,5-Dimethyl MGMT
3,5-Dimethyl DTYMK
3,5-Dimethyl PDE11A
3,5-Dimethyl HCN2
20-Hexadecyl PRKCA
20-Hexadecyl PRKCD
20-Hexadecyl PTGER4
20-Hexadecyl PTGER2
20-Hexadecyl PTGER3
20-Hexadecyl CD300A
20-Hexadecyl CHGA
20-Hexadecyl APOC2
20-Hexadecyl KIF14
20-Hexadecyl PRKCB
Adenine ADORA2A
Adenine ADORA2B
Adenine ADORA3
Adenine ADORA1
Adenine FBP1
Adenine PRKAB1
Adenine ACSS2
Adenine POLE
Adenine CBS
Adenine POLE3
Adenine ADCY1
Adenine COMT
Adenine POLA1
Adenine DCK
Adenine RRM2B
Adenine ADK
Adenine GNMT
Adenine PNP

Adenine	PDE4D
Adenine	CBSL
Adenine	RRM2
Adenine	PRKAA1
Adenine	MAT1A
Adenine	CREB1
Adenine	ACSS1
Adenine	PIM1
Adenine	PYGL
Adenine	POLE2
Adenine	HINT1
Adenine	MAT2A
Adenine	AMD1
Adenine	ACSL1
Adenine	PDE4B
Adenine	PRKAB2
Adenine	POLE4
Adenine	RRM1
Adenine	MTAP
Adenine	PRPS1
Astragalos	SLC47A1
Astragalos	CYP3A4
Astragalos	CYP51A1
Astragalos	KCNH2
Astragalos	ATP1A1
Astragalos	MLNR
Astragalos	SLCO1B3
Astragalos	ALB
Astragalos	ABCB1
Astragalos	SLCO1B1
Astragalos	SLC47A1
Astragalos	CYP3A4
Astragalos	CYP51A1
Astragalos	KCNH2
Astragalos	ATP1A1
Astragalos	MLNR
Astragalos	SLCO1B3
Astragalos	ALB
Astragalos	ABCB1
Astragalos	SLCO1B1
Betaine	PPAT
Betaine	NPY2R
Betaine	CTPS1
Betaine	CPS1
Betaine	SST
Betaine	GLUL
Betaine	GOT2
Betaine	SLC1A1
Betaine	ACY3
Betaine	ASPA
Betaine	ADSSL1
Betaine	ASNS
Betaine	DARS2
Betaine	GOT1
Betaine	ASPH
Betaine	SLC25A12
Betaine	DARS
Betaine	ASRGL1

Betaine	RNASE1
Betaine	ASS1
Betaine	ADSS
Betaine	CAD
Betaine	ACY1
Betaine	SLC25A13
Betaine	LYZ
Betaine	PAICS
Betaine	BCAT1
Betaine	VARs
Betaine	TARS
Betaine	THNSL1
Betaine	TARS2
Betaine	PCCB
Betaine	SLC5A6
Betaine	UGCG
Betaine	LIAS
Betaine	TH
Betaine	LIPT1
Betaine	HPD
Betaine	TPH1
Betaine	PAH
Betaine	NOS3
Beta-Sitosi	ESR1
Beta-Sitosi	PGR
Beta-Sitosi	VDR
Beta-Sitosi	CYP27B1
Beta-Sitosi	GC
Beta-Sitosi	SNW1
Beta-Sitosi	AR
Beta-Sitosi	NR3C1
Beta-Sitosi	NFKB1
Beta-Sitosi	AKR1C3
Beta-Sitosi	CYP24A1
Beta-Sitosi	GPBAR1
Beta-Sitosi	SNAI2
Beta-Sitosi	MED1
Beta-Sitosi	SNAI1
Beta-Sitosi	CYP3A4
Beta-Sitosi	CALB1
Beta-Sitosi	FGF23
Beta-Sitosi	GFI1
Beta-Sitosi	LANCL2
Beta-Sitosi	WNT4
Beta-Sitosi	TCF3
Beta-Sitosi	BAX
Beta-Sitosi	KL
Beta-Sitosi	CYP2R1
Beta-Sitosi	PML
Beta-Sitosi	B4GALT1
Beta-Sitosi	S100G
Beta-Sitosi	CYP27A1
Beta-Sitosi	KANK2
Beta-Sitosi	IRX5
Beta-Sitosi	RXRA
Beta-Sitosi	NR1H4
Beta-Sitosi	TRIM24
Canavanin	AZIN2

Canavanin|ASL
Canavanin|NOS2
Canavanin|SLC7A3
Canavanin|ASS1
Canavanin|SLC7A1
Canavanin|SLC7A4
Canavanin|NOS3
Canavanin|ARG2
Canavanin|HMOX1
Canavanin|OAZ3
Canavanin|AGMAT
Canavanin|KLF4
Canavanin|GNRH1
Canavanin|ARG1
Canavanin|AZIN1
Canavanin|OTC
Canavanin|SLC1A5
Canavanin|GOT2
Canavanin|GPT2
Canavanin|BAAT
Canavanin|SHMT1
Canavanin|ABAT
Canavanin|SLC1A1
Canavanin|SLC7A2
Canavanin|GCSH
Canavanin|SLC7A8
Canavanin|PPAT
Canavanin|ACY3
Canavanin|ASPA
Canavanin|IARS2
Canavanin|GLRA2
Canavanin|ALAS1
Canavanin|BCAT1
Canavanin|GCAT
Canavanin|SLC38A3
Canavanin|VARS
Canavanin|NFS1
Canavanin|SLC25A15
Canavanin|SLC1A4
Canavanin|ADSSL1
Canavanin|VDAC3
Canavanin|GSS
Canavanin|ASNS
Canavanin|GLRA3
Canavanin|DARS2
Canavanin|GRIN3B
Canavanin|LCMT1
Canavanin|GRIN2A
Canavanin|GOT1
Canavanin|GNMT
Canavanin|GLRB
Canavanin|GLYAT
Canavanin|AARS2
Canavanin|ASPH
Canavanin|GPR18
Canavanin|CTPS1
Canavanin|SLC25A12
Canavanin|PHYKPL

Canavanin|GLYATL1
Canavanin|GATM
Canavanin|LARS
Canavanin|NARS2
Canavanin|TNNC1
Canavanin|DARS
Canavanin|GRIN2C
Canavanin|OAT
Canavanin|GLDC
Canavanin|VDAC2
Canavanin|OAZ2
Canavanin|PIPOX
Canavanin|SLC25A2
Canavanin|GARS
Canavanin|GPT
Canavanin|AARS
Canavanin|SHMT2
Canavanin|ALAS2
Canavanin|VDAC1
Canavanin|SLC6A9
Canavanin|ASRGL1
Canavanin|GLYATL2
Canavanin|SLC32A1
Canavanin|OAZ1
Canavanin|KARS
Canavanin|AGXT
Canavanin|LARS2
Canavanin|RNASE1
Canavanin|ADSS
Canavanin|SLC36A1
Canavanin|ACADSB
Canavanin|SLC6A5
Canavanin|CAD
Canavanin|PCCB
Canavanin|GLUL
Canavanin|AGXT2
Canavanin|IARS
Canavanin|BCAT2
Canavanin|ACY1
Canavanin|KYNL
Canavanin|SLC25A13
Canavanin|GLRA1
Canavanin|LYZ
Canavanin|LCMT2
Canavanin|PAICS
Canavanin|NARS
Canavanin|DGAT2
Canavanin|CYBA
Canavanin|RARS
Canavanin|P2RX2
Canavanin|TPH2
Canavanin|EDN1
Canavanin|SLC24A2
Canavanin|PRLR
Canavanin|HTR2B
Canavanin|PAOX
Canavanin|MTRR
Canavanin|TH

Canavanin|EDN3
Canavanin|IL1B
Canavanin|BAK1
Canavanin|POR
Canavanin|PQLC2
Canavanin|HMBS
Canavanin|TPH1
Canavanin|TAF7
Canavanin|BCL2L11
Canavanin|ECE1
Canavanin|FCER2
Canavanin|NDOR1
Canavanin|IFNG
Canavanin|F2RL1
Canavanin|DDC
Canavanin|PAM
Canavanin|SLC11A1
Canavanin|AIF1
Canavanin|SLC3A1
Canavanin|SLC11A2
Canavanin|MT3
Canavanin|SLC7A7
Canavanin|UROS
Canavanin|CPS1
Canavanin|BAD
Canavanin|LCN2
Canavanin|ODC1
Canavanin|ADSL
Canavanin|NAGS
Canavanin|CERS1
Canavanin|NOS1
Canavanin|EDN2
Choline |PLD1
Choline |PCYT1A
Choline |PCYT1B
Choline |PHOSPHO1
Choline |ACHE
Choline |PLD2
Choline |BCHE
Choline |COLQ
Choline |SLC5A7
Choline |HMOX1
Choline |NRG1
Choline |DMGDH
Choline |SIX3
Choline |RAP1GAP
Choline |CRP
Choline |NAPEPLD
Choline |FSCN1
Choline |PRSS12
Choline |KLF5
Choline |SLC44A4
Choline |ALDH7A1
Choline |DNM3
Choline |PLD4
Choline |ASCL1
Choline |GPLD1
Choline |ENPP6

Choline CDH8
Choline PLD3
Choline PODXL
Choline FNTA
Choline AGRN
Choline CHKA
Choline CHDH
Choline ATP8B1
Choline GRIN1
Gamma-Si ESR1
Gamma-Si PGR
Gamma-Si VDR
Gamma-Si CYP27B1
Gamma-Si GC
Gamma-Si SNW1
Gamma-Si AR
Gamma-Si NR3C1
Gamma-Si NFKB1
Gamma-Si AKR1C3
Gamma-Si CYP24A1
Gamma-Si GPBAR1
Gamma-Si SNAI2
Gamma-Si MED1
Gamma-Si SNAI1
Gamma-Si CYP3A4
Gamma-Si CALB1
Gamma-Si FGF23
Gamma-Si GFI1
Gamma-Si LANCL2
Gamma-Si WNT4
Gamma-Si TCF3
Gamma-Si BAX
Gamma-Si KL
Gamma-Si CYP2R1
Gamma-Si PML
Gamma-Si B4GALT1
Gamma-Si S100G
Gamma-Si CYP27A1
Gamma-Si KANK2
Gamma-Si IRX5
Gamma-Si RXRA
Gamma-Si NR1H4
Gamma-Si TRIM24
Guanosine POLA1
Guanosine ADORA2A
Guanosine POLB
Guanosine DNMT1
Guanosine PNP
Guanosine ADORA2B
Guanosine ADORA3
Guanosine ADORA1
Guanosine TCN1
Guanosine MUT
Guanosine MMAB
Guanosine MTRR
Guanosine MTR
Guanosine CUBN
Guanosine AMN

Guanosine MMACHC
Guanosine MMAA
Guanosine UHRF1
Guanosine DNMT3A
Guanosine POLE
Guanosine BRCA1
Guanosine PRKDC
Guanosine KDM1A
Guanosine POLG
Guanosine LIG4
Guanosine USP7
Guanosine TCF3
Guanosine POLD1
Guanosine PAX5
Guanosine TRDMT1
Guanosine TACR2
Guanosine UHRF2
Guanosine DNMT3B
Guanosine CTCF
Guanosine KDM3A
Guanosine MGMT
Guanosine HELLS
Lupeol VDR
Lupeol CYP27B1
Lupeol GC
Lupeol SNW1
Lupeol TRPV3
Lupeol ESR1
Lupeol PGR
Lupeol OPRK1
Lupeol TRPM8
Lupeol TRPA1
Lupeol NFKB1
Lupeol AKR1C3
Lupeol CYP24A1
Lupeol GPBAR1
Lupeol SNAI2
Lupeol MED1
Lupeol SNAI1
Lupeol CYP3A4
Lupeol CALB1
Lupeol FGF23
Lupeol GFI1
Lupeol LANCL2
Lupeol WNT4
Lupeol TCF3
Lupeol BAX
Lupeol KL
Lupeol CYP2R1
Lupeol PML
Lupeol B4GALT1
Lupeol S100G
Lupeol CYP27A1
Lupeol KANK2
Lupeol IRX5
Lupeol RXRA
Lupeol NR1H4
Lupeol TRIM24

Quercetin	HTR2A
Quercetin	HTR2B
Quercetin	ADRA2A
Quercetin	HTR1B
Quercetin	HTR2C
Quercetin	HTR1D
Quercetin	DRD2
Quercetin	DRD4
Quercetin	HTR1A
Quercetin	ADRA2C
Quercetin	CALY
Quercetin	DRD3
Quercetin	DRD5
Quercetin	DRD1
Quercetin	ADRA2B
Uridine	TYMS
Uridine	NT5C2
Uridine	ADK
Uridine	IMPDH1
Uridine	ENPP1
Uridine	POLA1
Uridine	PNP
Uridine	POLB
Uridine	TERT
Uridine	GSR
Uridine	GCDH
Uridine	ERO1B
Uridine	IVD
Uridine	NQO2
Uridine	DPYD
Uridine	POR
Uridine	CYB5R1
Uridine	MAOB
Uridine	FDXR
Uridine	DAO
Uridine	TXNRD1
Uridine	ACADS
Uridine	CYB5R3
Uridine	MAOA
Uridine	IL4I1
Uridine	AIFM1
Uridine	ACOX1
Uridine	ACADM
Uridine	NQO1
Uridine	XDH
Uridine	DNMT1
Uridine	ACAD8
Uridine	NOS1
Uridine	DLD
Uridine	GFER
Uridine	AK5
Uridine	GUK1
Uridine	ANKH
Uridine	ENPP3
Uridine	APRT
Uridine	AK9
Uridine	NUDT12
Uridine	IMPDH2