

Table S1. Gene targets of Decursin derived from PubChem open database.

Compound Name	Gene Symbol	Gene Name
Decursin	CYCD1;1	cyclin-d1-1
	VEGFA	vascular endothelial growth factor a
	CASP3.2.S	caspase-3
	PARP	poly (adp-ribose) polymerase
	BCL2	bcl2 apoptosis regulator
	AR	androgen receptor
	KDR	kinase insert domain receptor
	BIRC5	baculoviral iap repeat containing 5
	CASP8	caspase 8
	IL-6	interleukin-6
	EC:2.7.11.24	mitogen-activated protein kinase
	PRKCQ	protein kinase c theta
	HMOX1	heme oxygenase 1
	EC:1.14.14.1	unspecific monooxygenase
	STAT3	signal transducer and activator of transcription 3
	MSMP	microseminoprotein, prostate associated
	EC:1.14.13.11	trans-cinnamate 4-monooxygenase
	CYP2J2	cytochrome p450 family 2 subfamily j member 2
	EC:2.4.2.30	nad(+) adp-ribosyltransferase
	EC:3.4.21.77	semenogelase
	CASP9	caspase 9
	MYC	myc proto-oncogene, bhlh transcription factor
	TNF	tumor necrosis factor
	MAPK14	mitogen-activated protein kinase 14
	CTNNB1	catenin beta 1
	WNT3A	wnt family member 3a
	AKT1	akt serine/threonine kinase 1
	MAPK8	mitogen-activated protein kinase 8
	NFATC1	nuclear factor of activated t cells 1
	CXCL8	c-x-c motif chemokine ligand 8
	CCL11	c-c motif chemokine ligand 11
	MAOA	monoamine oxidase a
	ATF4	activating transcription factor 4
	EC:4.3.1.24	phenylalanine ammonia-lyase
	EC:1.11.1.9	glutathione peroxidase
	CASP7	caspase 7
	PIK3CA	phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit alpha
	CDK4	cyclin dependent kinase 4
	HMGB1	high mobility group box 1
	TNFSF11	tnf superfamily member 11
	CYP1A2	cytochrome p450 family 1 subfamily a member 2
	PRPF4B	pre-mrna processing factor 4b
	FASN	fatty acid synthase
	EC:3.4.24.35	gelatinase b

IL13	interleukin 13
JAK2	janus kinase 2
CYP2D15	cytochrome p450 2d15
TYR	tyrosinase
MCP-1	corticostatin-3
EC:1.15.1.1	superoxide dismutase
EC:2.4.1.21	starch synthase
BCL2L1	bcl2 like 1
MAPK15	mitogen-activated protein kinase 15
TLR4	toll like receptor 4
HIF1A	hypoxia inducible factor 1 subunit alpha
CYP3A12	cytochrome p450 3a12
PTGS2	prostaglandin-endoperoxide synthase 2
MAPK4	mitogen-activated protein kinase 4
IL4	interleukin 4
CCK	cholecystokinin
DCSTAMP	dendrocyte expressed seven transmembrane protein
LATS1	large tumor suppressor kinase 1
NKX3-1	nk3 homeobox 1
MTOR	mechanistic target of rapamycin kinase
ITGAM	integrin subunit alpha m
TJP2	tight junction protein 2
EC:1.13.12.8	watasenia-luciferin 2-monooxygenase
LOC443319	chorionic somatomammotropin hormone
CES2	carboxylesterase 2
2A6	1-aminocyclopropane-1-carboxylate oxidase homolog 5
KAT3	potassium channel kat3
CCL17	c-c motif chemokine ligand 17
OSM1	fumarate reductase
CES1	carboxylesterase 1
MITF	melanocyte inducing transcription factor
FLK	flagellar regulator flk
LMNA	lamin a/c
ANGPT2	angiopoietin 2
DDX53	dead-box helicase 53
CDK-4	cyclin-dependent kinase 4 homolog
CDK6	cyclin dependent kinase 6
PIN1	peptidylprolyl cis/trans isomerase, nima-interacting 1
NRK	nik related kinase
ACAT1	acetyl-coa acetyltransferase 1
EC:1.6.3.1	nad(p)h oxidase (h(2)o(2)-forming)
TEK	tek receptor tyrosine kinase
EIF2AK2	eukaryotic translation initiation factor 2 alpha kinase 2
PKCDELTA	putative protein kinase c delta type homolog
GAD2	glutamate decarboxylase 2
TLR9	toll like receptor 9
PTPN11	protein tyrosine phosphatase non-receptor type 11
KIP1	kinesin-like protein kip1
TNFRSF10B	tnf receptor superfamily member 10b
EC:2.3.1.85	fatty-acid synthase

TLR3	toll like receptor 3
TPM3	tropomyosin 3
RETN	resistin
RPS6KB1	ribosomal protein s6 kinase b1
