

Supplementary Table S2H. Corresponding Targets of RS

Herb Name	Mol ID	Chemical Name	Protein Name	Symbol	Sources
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000787	Fumarine	Histamine H1 receptor	HRH1	STITCH
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000787	Fumarine	KIAA0101	KIAA0101	STITCH
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000787	Fumarine	coagulation factor II (thrombin)	F2	STITCH
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000787	Fumarine	cytochrome P450 family 1 subfamih	CYP1A2	Pubchem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000787	Fumarine	cytochrome P450 family 2 subfamih	CYP2D6	Pubchem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000787	Fumarine	cytochrome P450 family 2 subfamih	CYP2C19	Pubchem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000449	Stigmasterol	DNA polymerase beta	POLB	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL002879	Diop	Androgen Receptor	AR	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL002879	Diop	GLI family zinc finger 3	GLI3	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL002879	Diop	nuclear receptor subfamily 1, group 1, me	NR112	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	cyclin-dependent kinase 1	CDK1	STITCH
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	nuclear receptor subfamily 1, group 1, me	NR112	STITCH
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	UDP glycosyltransferase 3 family, polype	UGT3A1	STITCH
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	cytochrome P450, family 1, subfamily B, f	CYP1B1	STITCH Swiss Target Prediction
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	ribosomal protein S6 kinase, 90kDa, poly	RPS6KA3	STITCH
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	aryl hydrocarbon receptor	AHR	STITCH Swiss Target Prediction
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	UDP glucuronosyltransferase 1 family, po	UGT1A3	STITCH
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	UDP glucuronosyltransferase 1 family, po	UGT1A8	STITCH
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	UDP glucuronosyltransferase 1 family, po	UGT1A7	STITCH
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	UDP glucuronosyltransferase 1 family, po	UGT1A9	STITCH
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	cytochrome P450 family 1 subfamily A m	CYP1A2	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	CDC like kinase 1	CLK1	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	serine/threonine kinase 16	STK16	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	Pim-2 proto-oncogene, serine/threonine l	PIM2	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	microtubule associated protein tau	MAPT	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	cytochrome P450 family 2 subfamily D m	CYP2D6	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	cytochrome P450 family 3 subfamily A m	CYP3A4	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	cytochrome P450 family 2 subfamily C m	CYP2C9	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	15-hydroxyprostaglandin dehydrogenase	HPGD	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	hypoxia inducible factor 1 subunit alpha	HIF1A	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	Cytochrome P450 2C19	CYP2C19	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	glycogen synthase kinase 3 alpha	GSK3A	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	glycogen synthase kinase 3 Beta	GSK3B	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	cyclin B2	CN82	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	cyclin B1	CN81	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	cyclin B3	CN83	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	cyclin dependent kinase 6	CDK6	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	arachidonate 5-lipoxygenase	ALOX5	PubChem Swiss Target Prediction
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	glyoxalase I	GLO1	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	xanthine dehydrogenase	XDH	PubChem Swiss Target Prediction
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	hydroxysteroid 17-Beta dehydrogenase 1	HS1D17B1	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	hydroxysteroid 17-Beta dehydrogenase 2	HS1D17B2	PubChem Swiss Target Prediction
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	ATP binding cassette subfamily C membe	ABCC1	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	androgen receptor	AR	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	butyrylcholinesterase	BCHE	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	platelet activating factor acetylhydrolase	PAFAH1B3	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	CTD small phosphatase 1	CTDSP1	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	cytochrome P450 family 1 subfamily A m	CYP1A1	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	NADPH oxidase 4	NOX4	PubChem Swiss Target Prediction
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	ATP binding cassette subfamily G membe	ABCG2	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	estrogen receptor 1	ESR1	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	DNA polymerase iota	POLI	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	DNA polymerase eta	POLH	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	cholinergic receptor muscarinic 1	CHRM	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	ATP binding cassette subfamily B membe	ABCB1	PubChem Swiss Target Prediction
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	Rac GTPase activating protein 1	RACGAP1	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	aldo-keto reductase family 1 member B	AKR1B1	PubChem Swiss Target Prediction
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	nuclear factor, erythroid 2 like 2	NFE2L2	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	phosphatidylinositol-5-phosphate 4-kinas	PIP4K2A	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	ADAM metalloproteinase domain 10	ADAM10	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	ADAM metalloproteinase domain 17	ADAM17	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	nuclear receptor subfamily 3 group C mer	NR3C1	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	fms related tyrosine kinase 3	FLT3	PubChem Swiss Target Prediction
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	peroxisome proliferator activated recepto	PPARG	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	cytochrome P450 family 19 subfamily A r	CYP19A1	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	estrogen related receptor alpha	ESRRA	PubChem Swiss Target Prediction
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	sialic acid acetyltransferase	SIAE	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	Beta-secretase 1	BACE1	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	retinoic acid receptor alpha	RARA	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	nuclear receptor subfamily 1 group 1 men	NR113	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	nuclear factor kappa B subunit 1	NFKB1	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	nuclear factor kappa B subunit 2	NFKB2	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	RELA proto-oncogene, NF-kB subunit	RELA	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	casein kinase 2 alpha 2	CSNK2A2	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	casein kinase 2 Beta	CSNK2B	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	casein kinase 2 alpha 1	CSNK2A1	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	death associated protein kinase 1	DAPK1	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	carbonic anhydrase 2	CA2	PubChem Swiss Target Prediction
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	carbonic anhydrase 7	CA7	PubChem Swiss Target Prediction
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	carbonic anhydrase 12	CA12	PubChem Swiss Target Prediction
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	histone deacetylase 9	HDA9	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	GLI family zinc finger 3	GLI3	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	estrogen receptor 2	ESR2	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	amyloid Beta precursor protein	APP	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	CDGSH iron sulfur domain 1	CISD1	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	Tyrosinase	TYR	PubChem Swiss Target Prediction
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	Progesterone receptor	PGR	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	SMAD family member 2	SMAD2	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	SMAD family member 3	SMAD3	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	solute carrier family 2 member 1	SLC2A1	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	dipeptidyl peptidase 4	DPPIA	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	myeloperoxidase	MPO	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	Adenosine A1 receptor (by homology)	ADORA1	Swiss Target Prediction
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000422	Kaempferol	Carbonic anhydrase IV	CA4	Swiss Target Prediction
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000358	Beta-sitosterol	DNA polymerase beta	POLB	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000358	Beta-sitosterol	glycogen synthase kinase 3 beta	GSK3B	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000358	Beta-sitosterol	protein kinase AMP-activated non-cataly	PRKAB2	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000358	Beta-sitosterol	protein kinase AMP-activated non-cataly	PRKAG3	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000358	Beta-sitosterol	protein kinase AMP-activated non-cataly	PRKAG1	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000358	Beta-sitosterol	protein kinase AMP-activated catalytic s	PRKAA1	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000358	Beta-sitosterol	protein kinase AMP-activated catalytic s	PRKAA2	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000358	Beta-sitosterol	protein kinase AMP-activated non-cataly	PRKAB1	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000358	Beta-sitosterol	protein kinase AMP-activated non-cataly	PRKAG2	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000358	Beta-sitosterol	dipeptidyl peptidase 4	DPPIA	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL000358	Beta-sitosterol	coagulation factor II, thrombin	F2	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL005344	Ginsenoside rh2	BCL2-related protein A1	BCL2A1	STITCH
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL005344	Ginsenoside rh2	Rh-associated glycoprotein	RHAG	STITCH
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL005344	Ginsenoside rh2	sirtuin 1	SIRT1	PubChem
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL005320	Arachidonate	Fatty acid binding protein adipocyte	FABP4	Swiss Target Prediction
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL005320	Arachidonate	Peroxisome proliferator-activated re	PPARG	Swiss Target Prediction
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL005320	Arachidonate	Peroxisome proliferator-activated re	PPARA	Swiss Target Prediction
<i>Panax Ginseng (Ren Shen, RS)</i>	MOL005320	Arachidonate	Peroxisome proliferator-activated re	PPARD	Swiss Target Prediction