

Supplementary Table S2B. Corresponding Targets of GQZ						
Herb Name	Mol ID	Chemical Name	Protein Name	Symbol	Source	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000358	Beta-sitosterol	DNA polymerase beta	POOL8	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000358	Beta-sitosterol	glycogen synthase kinase 3 beta	GSK3B	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000358	Beta-sitosterol	protein kinase AMP-activated non-catalytic subunit	PRKAB2	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000358	Beta-sitosterol	protein kinase AMP-activated non-catalytic subunit	PRKAG3	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000358	Beta-sitosterol	protein kinase AMP-activated non-catalytic subunit	PRKAG1	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000358	Beta-sitosterol	protein kinase AMP-activated catalytic subunit alpha	PRKA1A	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000358	Beta-sitosterol	protein kinase AMP-activated catalytic subunit alpha	PRKA2A	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000358	Beta-sitosterol	protein kinase AMP-activated non-catalytic subunit	PRKA1B	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000358	Beta-sitosterol	protein kinase AMP-activated non-catalytic subunit	PRKAG2	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000358	Beta-sitosterol	dipeptidyl peptidase 4	DPP4	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000358	Beta-sitosterol	coagulation factor II, thrombin	F2	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000953	CLR	nuclear factor, erythroid 2 like 2	NFE2L2	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000953	CLR	ATP binding cassette subfamily 8 member 1	ABCC1	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000953	CLR	RAR related orphan receptor A	RORA	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000953	CLR	RAR related orphan receptor C	RORC	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL003578	Cycloartenol	APC membrane recruitment protein 1	FAM123B	STITCH	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL003578	Cycloartenol	Lanosterol 14-alpha demethylase	CYP51A1	STITCH	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001494	Mandanol	peroxisome proliferator activated receptor gamma	PPARG	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001494	Mandanol	heat shock protein family B (small) member 1	HSPB1	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001494	Mandanol	retinoic acid receptor alpha	RARA	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001494	Mandanol	G protein-coupled receptor 32	GPR32	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001494	Mandanol	nuclear receptor subfamily 1, group 1, member 2	NR1I2	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001494	Mandanol	nuclear factor, erythroid 2 like 2	NFE2L2	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001494	Mandanol	peroxisome proliferator activated receptor delta	PPARD	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001494	Mandanol	vitamin D receptor	VDR	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001979	LAN	cytochrome P450 family 51 subfamily A member 1	CYP51A1	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001979	LAN	crystallin alpha A	CRYAA	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001979	LAN	crystallin beta B2	CRYBB2	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001979	LAN	crystallin gamma C	CRYGC	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001979	LAN	crystallin gamma D	CRYGD	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001979	LAN	crystallin alpha B	CRYAB	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001979	LAN	Lanosterol synthase	LSS	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL009650	Atropine	Muscarinic acetylcholine receptor M3	CHRM3	STITCH	Swiss Target Prediction
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL009650	Atropine	Muscarinic acetylcholine receptor M1	CHRM1	STITCH	Swiss Target Prediction
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL009650	Atropine	Muscarinic acetylcholine receptor M4	CHRM4	STITCH	Swiss Target Prediction
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL009650	Atropine	Muscarinic acetylcholine receptor M5	CHRM5	STITCH	Swiss Target Prediction
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL009650	Atropine	Muscarinic acetylcholine receptor M2	CHRM2	STITCH	Swiss Target Prediction
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL009650	Atropine	Armaddillo repeat-containing protein 3	ARMC3	STITCH	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL009650	Atropine	Histamine H1 receptor	HRH1	STITCH	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL009650	Atropine	Armaddillo repeat-containing X-linked protein 3	ARMXC3	STITCH	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL009650	Atropine	Junction plakoglobin	JUP	STITCH	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL009650	Atropine	Cholinesterase	BCHE	STITCH	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL009650	Atropine	lysine acetyltransferase 2A	KAT2A	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL009650	Atropine	Acetylcholinesterase (by homology)	ACHE	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL009650	Atropine	Alpha-1D adrenergic receptor	ADORA1D	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL009650	Atropine	Serotonin 2c (5-HT2c) receptor	HTR2C	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000449	Stigmatanol	DNA polymerase beta	POOL8	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001495	Ethyl linolenate	cytochrome P450 family 3 subfamily A member 4	CYP3A4	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001495	Ethyl linolenate	arachidonate 15-lipoxygenase	ALOX15	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001495	Ethyl linolenate	aldehyde dehydrogenase 1 family member A1	ALDH1A1*	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001495	Ethyl linolenate	nuclear factor, erythroid 2 like 2	NFE2L2	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001495	Ethyl linolenate	nuclear receptor subfamily 3 group C member 1	NR3C1	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001495	Ethyl linolenate	GLI family zinc finger 3	GLI3	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001495	Ethyl linolenate	estrogen receptor 2	ESR2	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL001495	Ethyl linolenate	estrogen related receptor alpha	ESRRA	PubChem	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Induced myeloid leukemia cell differentiation protein M	MCL1	STITCH	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Tyrosine-protein kinase HCK	HCK	STITCH	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Solute carrier family 2, facilitated glucose transporter m	SLC2A2	STITCH	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Cytochrome P450 22A	CYP22B	STITCH	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	ATP synthase subunit beta, mitochondrial	ATP5B	STITCH	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	3-hydroxyisobutyryl-CoA hydrolase, mitochondrial	HIBCH	STITCH	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	serine/threonine kinase 17b	STK17B	STITCH	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	NADPH oxidase 4	NOX4	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Vasopressin V2 receptor	AVPR2	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Aldose reductase	AKR1B1	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Xanthine dehydrogenase	XDH	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Monooamine oxidase A	MAOA	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Insulin-like growth factor I receptor	IGF1R	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Tyrosine-protein kinase receptor FLT3	FLT3	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Cytochrome P450 19A1	CYP19A1	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Epidermal growth factor receptor erbB1	EGFR	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Thrombin	F2	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Carbonic anhydrase II	CA2	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Serine/threonine-protein kinase PIM1	PIM1	Swiss Target Prediction	STITCH
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Arachidonate 5-lipoxygenase	ALOX5	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Serine/threonine-protein kinase Aurora-B	AURKB	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Dopamine D4 receptor	DRD4	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Adenosine A1 receptor (by homology)	ADORA1	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Carbonic anhydrase VII	CA7	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Glyoxalase I	GLO1	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Myeloperoxidase	MPO	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	PI3-kinase p85-alpha subunit	PIK3R1	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Adenosine A2A receptor (by homology)	ADORA2A	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Death-associated protein kinase 1	DAPK1	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Liver glycogen phosphorylase	PHGL	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Carbonic anhydrase I	CA1	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Glycogen synthase kinase-3 beta	GSK3B	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Tyrosine-protein kinase SRC	SRC	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Focal adhesion kinase 1	PTK2	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Estradiol 17-beta-dehydrogenase 2	HSD17B2	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Vascular endothelial growth factor receptor 2	KDR	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Matrix metalloproteinase 13	MMP13	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Matrix metalloproteinase 3	MMP3	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Carbonic anhydrase III	CA3	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Arachidonate 15-lipoxygenase	ALOX15	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Multidrug resistance-associated protein 1	ABCC1	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Serine/threonine-protein kinase PLK1	PLK1	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Carbonic anhydrase VI	CA6	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Cyclin-dependent kinase 1	CDK1	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Matrix metalloproteinase 9	MMP9	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Carbonic anhydrase XII	CA12	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Matrix metalloproteinase 2	MMP2	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Protein kinase N1	PKN1	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Carbonic anhydrase XIV	CA14	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Carbonic anhydrase IX	CA9	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Casein kinase II alpha	CSNK2A1	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Arachidonate 12-lipoxygenase	ALOX12	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Hepatocyte growth factor receptor	MET	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Carbonic anhydrase IV	CA4	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Serine/threonine-protein kinase NEK2	NEK2	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Interleukin-8 receptor A	CXCR1	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	CAM kinase II beta	CAMK2B	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	ALK tyrosine kinase receptor	ALK	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Serine/threonine-protein kinase AKT	AKT1	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	P-glycoprotein 1	ABCB1	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Serine/threonine-protein kinase NEK6	NEK6	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Phospholipase A2 group 1B	PLA2G1B	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Carbonic anhydrase VA	CA5A	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Beta-secretase 1	BACE1	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Cytochrome P450 11B1	CYP11B1	Swiss Target Prediction	STITCH
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Tyrosine-protein kinase receptor UFO	AXL	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	ATP-binding cassette sub-family G member 2	ABCG2	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	NUAK family SNF1-like kinase 1	NUAK1	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Aldo-keto reductase family 1 member C2 (by homology)	AKR1C2	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Aldo-keto reductase family 1 member C1 (by homology)	AKR1C1	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Aldo-keto reductase family 1 member C3 (by homology)	AKR1C3	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Aldo-keto reductase family 1 member C4 (by homology)	AKR1C4	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Carbonic anhydrase XIII (by homology)	CA13	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Aldehyde reductase (by homology)	AKR1A1	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	G-protein coupled receptor 35	GPR35	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000098	Quercetin	Tyrosine-protein kinase SYK	SYK	Swiss Target Prediction	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000400	Glycine	Transcription factor AP-1	JUN	STITCH	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000400	Glycine	Mitogen-activated protein kinase 3	MAPK3	STITCH	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000400	Glycine	Transcription factor Sp1	SP1	STITCH	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000400	Glycine	Collagenase 3	MMP13	STITCH	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000400	Glycine	Mitogen-activated protein kinase 1	MAPK1	STITCH	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000400	Glycine	Cyclin-dependent kinase 4	CDK4	STITCH	
<i>Lycti Fructus</i> (Gou Q Z, GQZ)	MOL000400	Glycine	Estrogen Receptor 1	ESR1	PubChem	