

## SUPPLEMENTARY TABLES

**Supplementary Table 1. Sequence information for primers used in qRT-PCR.**

Gene	Forward sequence	Reverse sequence
<i>18S</i>	5'-AACCCGTTGAACCCCAT -3'	5'-CCATCCAATCGGTAGTAGCG -3'
<i>MMP3</i>	5'- CGGTTCCGCCTGTCTCAAG-3'	5'- CGCCAAAAGTGCCTGTCTT-3'
<i>MMP9</i>	5'- GGGACGCAGACATCGTCATC-3'	5'- TCGTCATCGTCGAAATGGGC-3'
<i>TIMP1</i>	5'- AGAGTGTCTGCGGATACTTCC-3'	5'- CCAACAGTGTAGGTCTTGGTG-3'
<i>VEGFA</i>	5'- AGGGCAGAATCATCACGAAGT-3'	5'- AGGGTCTCGATTGGATGGCA-3'

**Supplementary Table 2. The active ingredients of *Atractylodes lancea*.**

PubChem_ID	Cpd_name
CID:10228	Osthole
CID:6989	Thymol
CID:8468	Vanillic Acid
CID:5281703	Wogonin
CID:931	Naphthalene
CID:996	Phenol
CID:985	Palmitic Acid
CID:1140	Toluene
CID:7095	Biphenyl
CID:7410	Acetophenone
CID:31423	Pyrene
CID:31404	Butylated Hydroxytoluene
CID:445639	Oleic Acid
CID:222284	Beta-Sitosterol
CID:853433	Isoeugenol
CID:5280445	Luteolin
CID:5280450	Linoleic Acid
CID:5281416	Esculetin
CID:6054	Phenylethyl Alcohol
CID:440917	D-Limonene
CID:227829	Guaiol
CID:5281522	Isocaryophyllene
CID:91457	beta-Eudesmol
CID:5283349	2,4-Decadienal
CID:5281520	Alpha-Humulone
CID:5281515	Caryophyllene
CID:7044	Decahydronaphthalene
CID:7461	gamma-Terpinene
CID:31272	Butyl acetate
CID:60961	Adenosine
CID:10878761	Hinesol
CID:675	5,6-Dimethylbenzimidazole
CID:676946	p-Coumaric acid ethyl ester
CID:7362	Furfural

CID:460	Guaiacol
CID:6885	Phthalide
CID:5280794	Stigmasterol
CID:5541	Triacetin
CID:5281426	Umbelliferone
CID:5283345	2-Decenal
CID:442353	beta-Chamigrene
CID:5283316	2-Heptenal
CID:5283356	2-Undecenal
CID:3080635	Atractylon
CID:5321047	Atractylodin
CID:10012964	Atractylodinol
CID:10929902	Atractyloside I
CID:71448957	Atractyloside G
CID:71307451	Atractyloside A
CID:12366272	Cirsiumaldehyde
CID:14079045	Icariside F2
CID:71448952	Atractyloside B
CID:71448953	Atractyloside C
CID:71448954	Atractyloside D
CID:71448955	Atractyloside E
CID:12138536	$\alpha$ -Hexylcinnamaldehyde
CID:10353528	Agarospinol
CID:1549992	Bisabolol
CID:71448961	3beta-Hydroxyatractylon
CID:78249	Limonene
CID:5317844	alpha-Guaiene
CID:3084961	Wogonoside
CID:5321018	Atractylenolide I
CID:14420566	Parthenolide
CID:70697841	Gaillardin
CID:12309818	beta-Eudesmol cis epimer
CID:5356634	Stigmastenone
CID:6429301	(Z)-caryophyllene
CID:92138	Elemol
CID:14448070	Atractylenolide II
CID:13986099	3,5-Bis(tert-butyl) benzaldehyde
CID:6451614	Stigmastanol

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