

Table S1. High-performance liquid chromatography (HPLC) profiling of *R. davurica* Pall. leaf extract (RLE) 210 nm, 254 nm, 280 nm, and 360 nm.

Instrument	Waters ARC system		
Detector	Photodiode Array Detector (PDA)		
Wavelength	210 nm, 254 nm, 280 nm, and 360 nm		
Column	Atlantis T3 (250 mm*4.6 mm, 5 um)		
Mobile phase	A: 0.1% Formic acid in Water		
	B: 0.1% Formic acid in Acetonitrile		
	Time (min)	A (%)	B (%)
	0 - 5	97	3
	5 - 15	97 – 90	3 - 10
	15 - 20	90	10
	20 - 25	85	15
	25 - 30	85	15
	30 - 40	80	20
	40 - 45	80	20
	45 -50	75	25
	50 - 55	75	25
	55 - 70	0	100
	70 - 75	0	100
	75 -80	97	3
Flow rate	1.0 mL/min		
Injection volume	10 μL		
Temperature	40 °C (Oven), 15 °C (Autosampler)		

Table S2. High-performance liquid chromatography (HPLC) of the ethyl gallate, ellagic acid, and *R. davurica* Pall. leaf extract (RLE)

Instrument	Waters ARC system		
Detector	Photodiode Array Detector (PDA)		
Wavelength	280 nm		
Column	Atlantis T3 (250 mm*4.6 mm, 5 μ m)		
Mobile phase	A: 0.1% Formic acid in Water		
	B: 0.1% Formic acid in Acetonitrile		
	Time (min)	A (%)	B (%)
	0	85	15
	10	85	15
	15	82	18
	20	82	18
	25	0	100
	30	0	100
	30.1	85	15
	35	85	15
Flow rate	1.0 mL/min		
Injection volume	10 μ L		
Temperature	40 °C (Oven), 15 °C (Autosampler)		