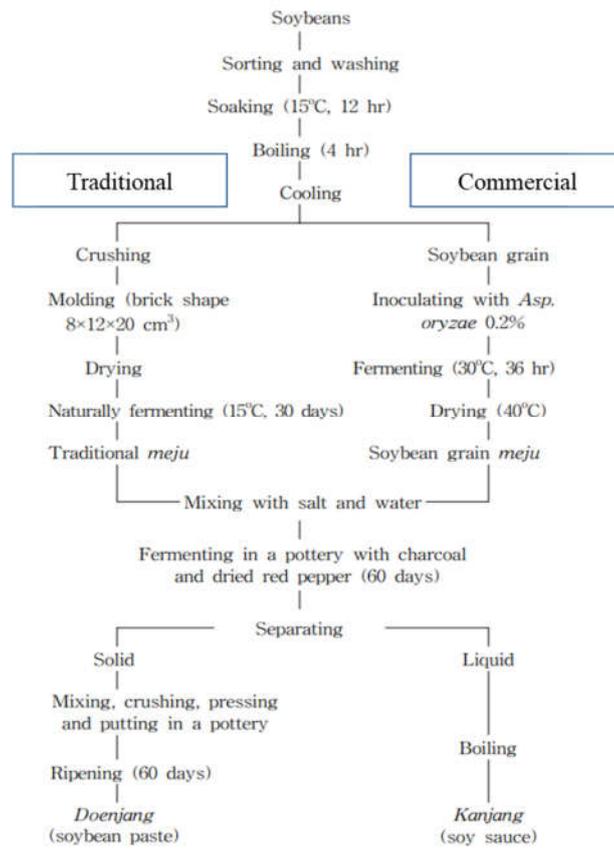


Supplementary Materials:



Supplementary Figure S1. Methods for the manufacture of Doenjang and Ganjang

Supplementary Table S1. Conditions for HPLC-FLD.

Instrument	Jasco HPLC 2000 series (Japan)		
Column	Capcell pak - C18 (4.6 × 250 mm, 5 μm)		
Mobile phase	A: Water : Acetonitrile : Methanol = 72:14:14 B: Acetonitrile : 0.1% Phosphoric acid in Water = 50:50		
	Time (min)	A (%)	B (%)
Gradient	0	95	5
	30	95	5
	34	50	50
	36	5	95
	44	5	95
	47	95	5
	50	95	5
	Injection volume	20 μL	
Flow rate	1.0 mL/min		
Temperature	40 °C		
Run time	50 min		
Wavelength	0 – 30 min Ex 360, Em 455 nm / 30 – 50 min Ex 330, Em 460 nm		