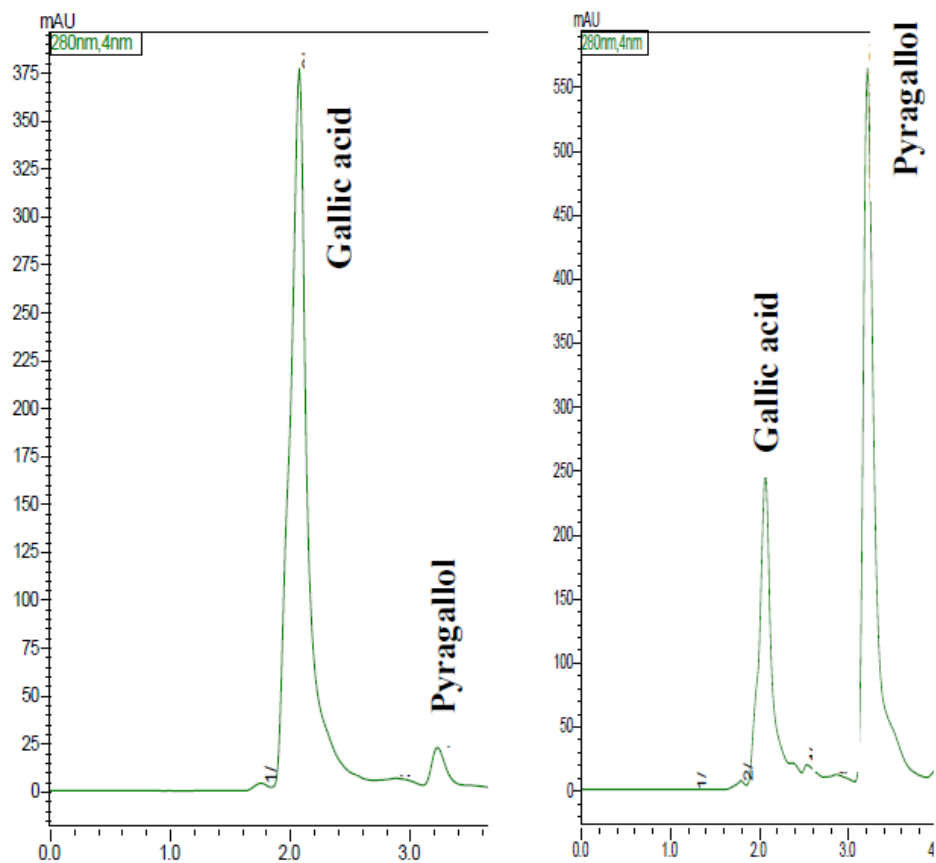


Supplementary Table 1 Pearson's correlation coefficients of phenolic profiles and antioxidant (FRAP) activities

	Correlation co-efficient
	FRAP
Total polyphenols	0.82
Gallic acid	0.645
Catechin.	0.541
Caffeic acid	-0.343
Vanillic	0.726
2.4 Dihydroxybenzoic acid	-0.134
Coumaric	0.868
Ferulic	0.459
Ellagic	-0.842
Quercetin	0.091
Luteolin	0.510



Supplementary Fig. 1 Chromatogram showing the changes in gallic acid concentration and pyragallol during fermentation by *Weissella cibaria* (strain 21) and *Lactobacillus plantarum* (strain 75)