

Table 3 Estimates of correlation coefficients (Genotypic and Phenotypic) for antioxidant enzymes among ten varieties of 5 different brassica vegetables

		CUPRAC	FRAP	Total Phenolics	Anthocyanin	Ascorbic acid	Carotenoids		
							Lycopene	Total carotenoids	$\beta$ - carotene
CUPRAC	G	-	0.690**	0.923**	0.823**	0.446**	0.533**	0.685**	0.771**
	P	-	0.686**	0.922**	0.823**	0.445**	0.500**	0.682**	0.770**
FRAP	G		-	0.466**	0.340**	-0.138	-0.117	0.044	0.258
	P		-	0.464**	0.339**	-0.139	-0.110	0.044	0.258
Total Phenolics	G			-	0.922**	0.549**	0.793**	0.874**	0.891**
	P			-	0.918**	0.547**	0.741**	0.871**	0.889**
Anthocyanin	G				-	0.752**	0.842**	0.908**	0.877**
	P				-	0.747**	0.790**	0.905**	0.876**
Ascorbic acid	G					-	0.659**	0.688**	0.489**
	P					-	0.629**	0.685**	0.488**
Lycopene	G						-	0.983**	0.897**
	P						-	0.923**	0.844**
Total carotenoids	G							-	0.943**
	P							-	0.942**
$\beta$ - carotene	G								-
	P								-

Note: G: genotypic level; P: phenotypic level. \*\*Significant at 1% level