Table 1 Suppl. The correlations among different parameters were identified based on the Pearson's correlation coefficient value. Chlorophyll (Chl) content is closely linked to H_2O_2 generation as well as nitrate reductase (NR), superoxide dismutase (SOD), catalase (CAT), and ascorbate peroxidase (APX) activities, whereas significant negative correlations are between the Chl content and the activities of diamine oxidase (DAO), polyamine oxidase (PAO), and cell wall bound peroxidase (cw-POD). DAO, PAO and cw-POD activities show strong negative correlations with nitric oxide synthase (NOS), NR, H_2O_2, $O_2^{\bullet-}$, CAT, and APX, respectively. These results suggest that parameters NO, NOS, NR, H_2O_2, and CAT are significantly related. ** - significantly correlated at 0.01 level (bilateral), and *- significantly correlated at 0.05 level (bilateral). GR - glutatione reductase.

	Chl	NO	NOS	NR	H_2O_2	$O_2^{\bullet-}$	$^{\bullet}OH$	MDA	SOD	POD	CAT	APX	GR	DAO	PAO	cw-POD
Chl	1	0.229	0.329	0.830**	0.695**	0.258	-0.252	0.366	-0.618**	0.331	0.709**	0.760**	0.382	-0.925**	-0.824**	-0.810**
NO		1	0.891**	0.489*	0.688**	0.656**	0.499*	0.122	0.394	0.320	0.598**	0.364	0.209	-0.345	-0.399	-0.249
NOS			1	0.599**	0.799**	0.731**	0.543*	0.204	0.331	0.354	0.704**	0.434	0.097	-0.529*	-0.580*	-0.485*
NR				1	0.815**	0.404	-0.244	0.446	-0.157	0.240	0.678**	0.944**	0.482*	-0.874**	-0.832**	-0.542*
H_2O_2					1	0.814**	0.263	0.114	-0.021	0.033	0.616**	0.673**	0.268	-0.863**	-0.873**	-0.569*
$O_2^{\bullet-}$						1	0.634**	-0.215	0.265	-0.221	0.309	0.247	-0.072	-0.498*	-0.590**	-0.267
$^{\bullet}OH$							1	-0.505*	0.347	0.081	0.205	-0.360	-0.463	0.088	-0.010	-0.047
MDA								1	0.102	0.179	0.164	0.390	0.563*	-0.257	-0.159	-0.378
SOD									1	-0.275	-0.309	-0.224	-0.091	0.402	0.293	0.484*
POD										1	0.791**	0.248	-0.043	-0.128	-0.104	-0.410
CAT											1	0.612**	0.143	-0.633**	-0.614**	-0.654**
APX												1	0.576*	-0.763**	-0.703**	-0.395
GR													1	-0.284	-0.157	-0.088
DAO														1	0.950**	0.763**
PAO															1	0.742**
cw-POD																1