

Supplementary Table S1. *Pearson correlation analysis of the selected variables.*

Variables		AC	TP	AA	PAL
AC	Pearson Correlation	1	0.770**	0.535**	0.608**
	Sig. (2-tailed)		0.000	0.001	0.000
	N	36	36	36	36
TP	Pearson Correlation		1	0.549**	0.596**
	Sig. (2-tailed)			0.001	0.000
	N		36	36	36
AA	Pearson Correlation			1	0.690**
	Sig. (2-tailed)				0.000
	N			36	36
PAL	Pearson Correlation				1
	Sig. (2-tailed)				
	N				36

N = number of replicates; **Correlation is significant at the 0.01 level (2-tailed); *Correlation is significant at the 0.05 level (2-tailed).