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Functional Plant Biology

Supplementary Material

Comprehensive analysis revealed that titanium dioxide nanoparticles could strengthen the resistance of apple rootstock B9 to saline-alkali stress

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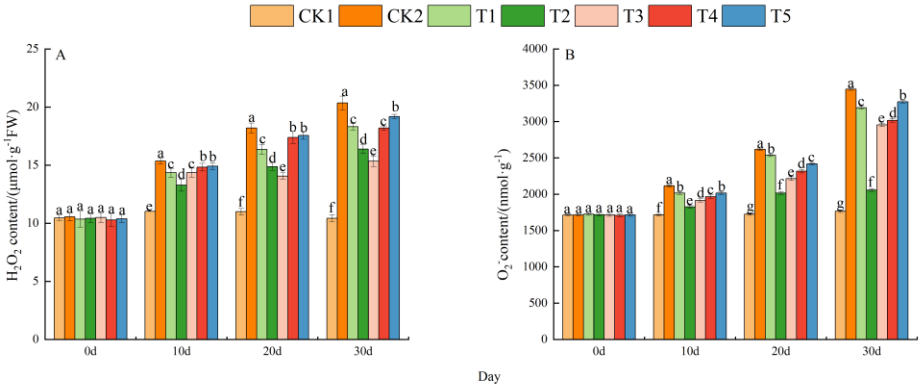
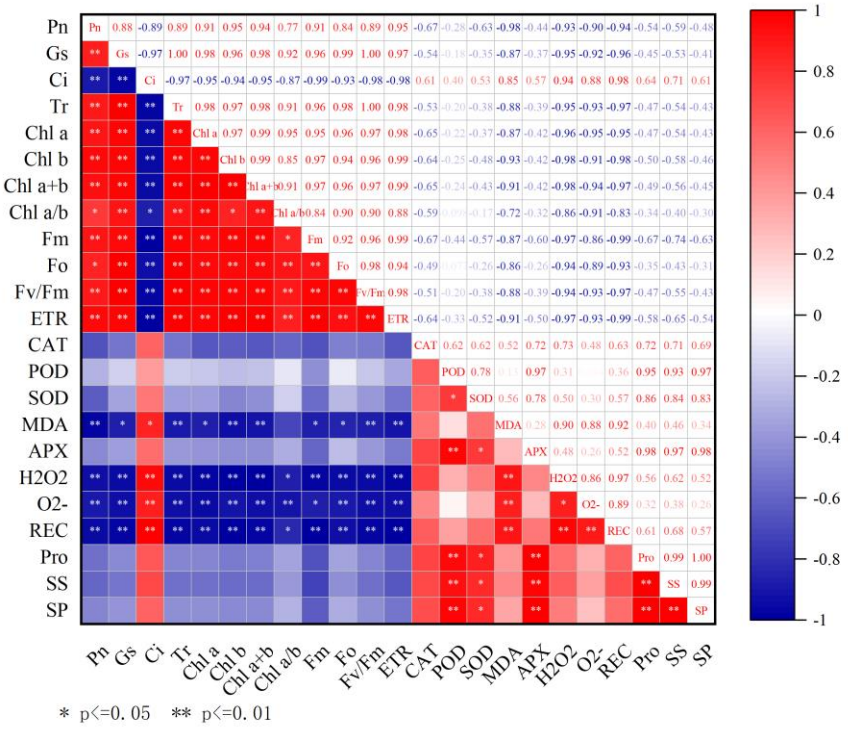
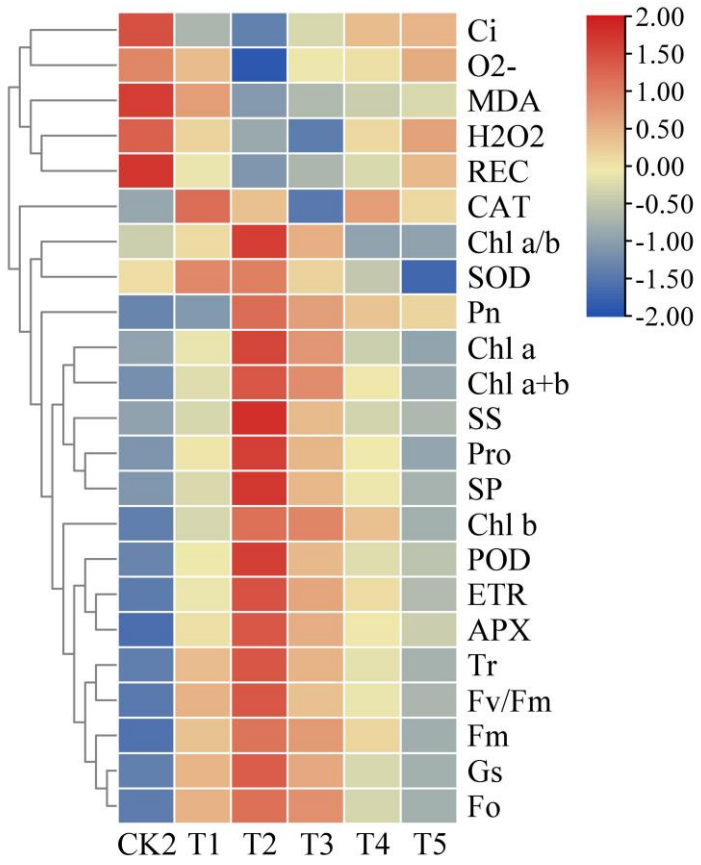
Supplementary Fig. S1 Effects of TiO_2Nps on active oxygen content in B9 leaves under saline-alkali stress



Supplementary Fig. S2 Correlation analysis of B9 leaf indexes under different treatments



Supplementary Fig. S3 Cluster analysis of 23 physiological indexes



Supplementary Table S1 Principal component analysis and variance interpretation

Index	Load	
	PC1	PC2
*P*n	0.981	0.154
*G*s	-0.942	-0.320
*C*i	0.987	0.133
*T*r	0.965	-0.074
Chl a	0.922	-0.348
Chl b	0.975	-0.214
Chl a+b	0.810	0.195
Chl a/b	0.958	-0.022
Fm	0.959	0.113
Fo	0.973	0.182
Fv/Fm	0.988	-0.132
ETR	0.196	0.582
CAT	0.993	-.005
POD	0.565	0.745
SOD	-0.887	0.418
MDA	0.993	-0.039
APX	-0.865	0.320
H_2O_2	-0.900	0.081
O_2^-	-0.950	0.126
REC	0.988	-0.028
Pro	0.946	-0.058
SS	0.968	-0.109
SP	0.284	0.919
Na^+	-0.898	-0.391
K^+	0.967	0.206
Eiges values	18.927	4.569
Proportion of variance/%	75.710	18.274
Cumulative variance/%	75.710	93.984