Table S5 PLS-SEM results quality criteria.

quality criteria of ABA modle	AVE	Composite Reliability	R Square
ABA	0.832893	0.936815	
MYB	0.741413	0.910728	0.984337
NAC	0.806001	0.971695	0.966614
WRKY	0.827956	0.971672	0.966740
senescence	0.793376	0.307263	0.986457

quality criteria of Auxin modle	AVE	Composite Reliability	R Square
Auxin	0.887409	0.996211	
MYB	0.741434	0.910959	0.982441
NAC	0.806018	0.971821	0.982476
WRKY	0.827903	0.971740	0.962526
senescence	0.793255	0.317446	0.988412

quality criteria of CTK modle	AVE	Composite Reliability	R Square
CTK	0.907137	0.966983	
MYB	0.741106	0.907695	0.826448
NAC	0.805876	0.971420	0.821301
WRKY	0.827862	0.971390	0.851048
senescence	0.793527	0.273236	0.985824

quality criteria of GA modle	AVE	Composite Reliability	R Square
GA	0.801199	0.725430	
MYB	0.741398	0.909311	0.975038
NAC	0.805958	0.971567	0.968841
WRKY	0.827948	0.971550	0.984571
senescence	0.793507	0.290423	0.988604

quality criteria of JA modle	AVE	Composite Reliability	R Square
JA	0.909347	0.983650	
MYB	0.741405	0.911218	0.970941
NAC	0.805989	0.971883	0.963870
WRKY	0.827634	0.971869	0.941725
senescence	0.793026	0.330750	0.985458

All latent variables are significant and goodness-of-fit measures when Average variance extracted

(AVE; Indicator for converge validity) and composite reliability (indicator for internal consistency reliability) are equal or higher than 0.5 and 0.7 (Hair et al., 2011).