

Table 1 Predicting cis-acting elements of MoTPS3 promoter

Site name	Position (chain)	Function
Box 4	+304, +363	Conserved DNA module involved in light responsiveness
CAAT-box	+264, -581, +453, +733, +361, -698, -543, +734, +265, +609, -438, +712	Common cis-acting element in promoter and enhancer regions
CGTCA-motif	+51	MeJA-responsiveness
G-box	+318	Light responsive element
MBS	-553, +589	MYB binding site involved in drought-inducibility
GT1-motif	-501, -502	Light responsive element
MBS I	+96	MYB binding site involved in flavonoid biosynthetic genes regulation
P-box	+112, +123	Gibberellin-responsive element
Sp1	+59	Light responsive element
TATA-box	-676, -682, -680	Core promoter element
TGA-element	+218	Auxin-responsive element
TGACG-motif	-51	MeJA-responsiveness
Myb	-553, +589	MYB binding site
MYC	-132, +697	MYC binding site