

Application of 2,4-Epibrassinolide Improves Drought Tolerance in Tobacco Through Physiological and Biochemical Mechanisms

Rayyan Khan, Xinghua Ma*, Quaid Hussain, Muhammad Asim, Anas Iqbal, Xiaochun Ren, Shahen Shah, Keling Chen, Yi Shi

* **Correspondence:** maxinghua@caas.cn

Table S1: Primers list for RT-qPCR

Gene Name	Forward Primer (5'-3')	Reverse Primer (5'-3')
<i>YUCCA6</i>	TAGCCGATGGTTGATCGTGG	TCCAAGCACACCTCCATTCC
<i>ARF9</i>	TAGAGGCCAACCTCGGAGAC	GAGCAAGCCGTCTAACACCA
<i>PIN1</i>	CTGTTGGCCTTCGTGGAGTT	CCGTGCTAAGAATGTCAGGGT
<i>ABP1</i>	CTCGCCATGTTCTCGTAGTGG	CCTGTGGAAGCTCGCTGAT
<i>SAUR19</i>	GAGAGAGCCAGAAGAAGCGA	CAAGCGGGAGGTGAGATCAAT
<i>GRF1</i>	TAGCCACGGTGAACCTATGC	GGGCTGCTATCCCACATCTC
<i>SAUR32</i>	GTGTCTGGCAATTACTGTGGG	AGCTTCCTTGTCATCACCCC
<i>IAA26</i>	AAGCTGGAGTTAAGGCTTGGT	TGCTGATATTGTAACCAAAAGGGA
<i>ARF6</i>	CCCAATAGGTGGAATGCAAATG	CGAAGTGAGAGCCTGTTTAGAG
<i>DWF4</i>	AAATGATGGTGGAAGCTGCTGT	GTCTCGTAACCACCTAGTAAGGAA
<i>HERK2</i>	CGATGCGGTTTCAACGACAA	GTTGGTCTGCTCTTCCCCTC
<i>BZR2</i>	ATTGGTGGTTCGGCATCAGT	GAGACTGGGCTGGGGATAGA
<i>BZR1</i>	CATCTTATCAGCCGAGTCTAACC	TGGAGGAAGTGATGAAGGAATG
<i>BRL3</i>	CGAAGGGGAGAAAGGAGGGAT	TTACCAGCCTTGCCATTCCA
<i>FeSOD</i>	ACCCTCAAGGCTATCAAATGTTAAG	ACGATGATGCTCTCCCCAAT
<i>POD</i>	GCTCATTCTTCTTCTTTTGCCGTT	GAGGCTAGCCCCAATACGAG
<i>CAT</i>	CAATGTGCACTGGCAAACGA	GATCAGACAAGGCCTCCACC
<i>P5CS1</i>	AGTGGCCCTCCCCGTAATCC	GAAGAGGGTGCCGATACATTCC
<i>Actin</i>	CAAGGAAATCACCGCTTTGG	AAGGGATGCGAGGATGGA