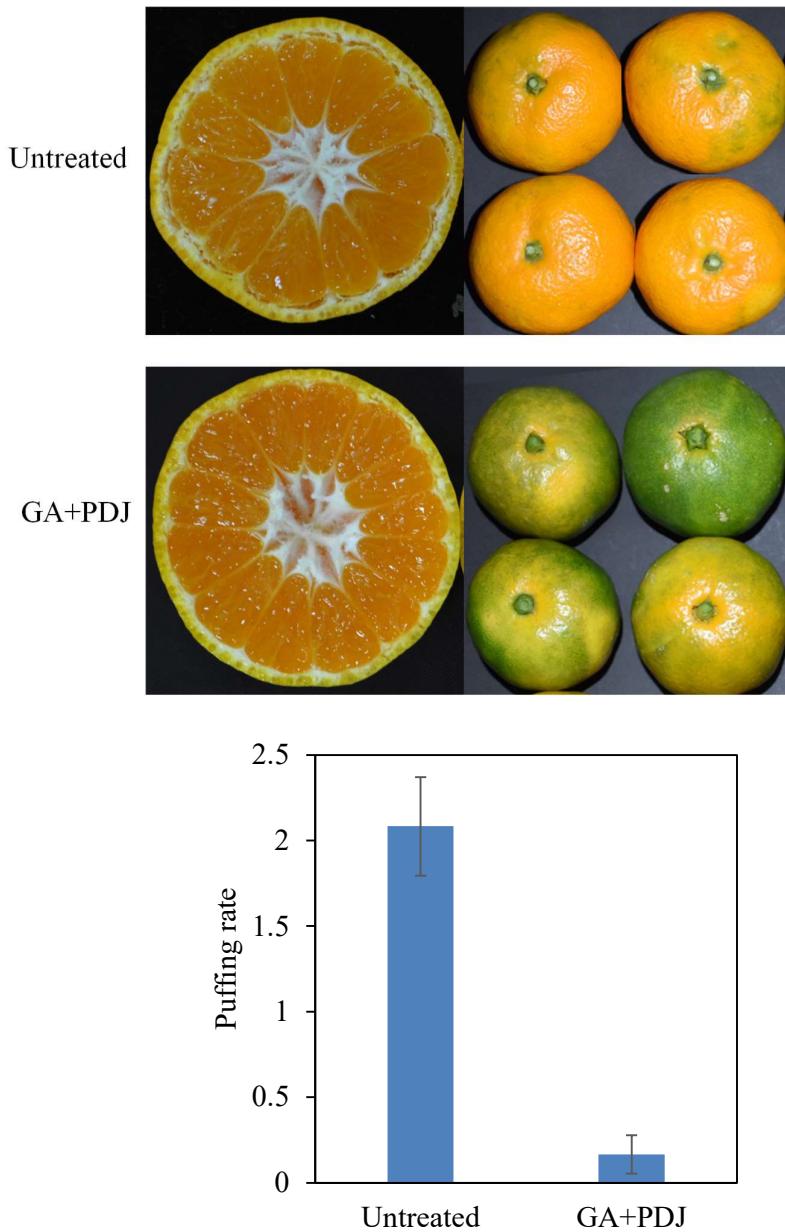


Exogenous Application of ABA and NAA  
Alleviates the Delayed Coloring Caused by  
Puffing Inhibitor in Citrus Fruit

メタデータ	言語: eng 出版者: 公開日: 2021-12-14 キーワード (Ja): キーワード (En): 作成者: Ma, Gang, Zhang, Lancui, Kudaka, Rin, Inaba, Hayato, Furuya, Takuma, Kitamura, Minami, Kitaya, Yurika, Yamamoto, Risa, Yahata, Masaki, Matsumoto, Hikaru, Kato, Masaya メールアドレス: 所属:
URL	<a href="http://hdl.handle.net/10297/00028478">http://hdl.handle.net/10297/00028478</a>



**Figure S1.** Effect of combined spraying of GA and PDJ on the appearance of citrus fruit (November). A, the puffing was inhibited by combined spraying of GA and PDJ, but the coloring of fruit was delayed. B, the puffing rate of fruit in the ripening stage (November). The level of peel puffing was assessed by finger touch and rated as 0, 1, 2, or 3, indicating a range from firm (0) to marked puffing (3) using the method described previously [34]. The results shown are the mean  $\pm$  SE ( $n=12$ ).

**Table S1.** Primer sequences and TaqMan MGB probes used for the TaqMan real-time RT-PCR of the genes related to chlorophyll and carotenoid biosynthesis.

Genes	Forward Primer	Reverse Primer	TaqMan MGB probe
<i>CitGGDR</i>	TGATGTGCGCCGGACTTT	CCAAGTGCACATGATCACACT	ATGGGTGGGTGTTCC
<i>CitCHLH</i>	CCCACCACAGCAGCAATG	TGCCTCTCAATCAACCTATCCA	AGAGTGCAAAGTTG
<i>CitCHLM</i>	AGTTTTCCCTGGCCTTCA	CAGCTTCGGCGTGGAGAT	AGGCAACGAGGGCT
<i>CitCHL27</i>	GAAAACCAACCCAGTAGCT	GGCATGCCCTGGCTTCATC	AGATTCTCTGATGTCC
<i>CitPORA</i>	TTTAGATCTGGCTCCCTTGACA	GCCTGATGCCCTGAAGGTATC	TGTTGCCAATTG
<i>CitCS</i>	TACTCTGCTCCACCTTGAAAGCT	CTCGCTCCCAGAGCAAAATT	AGCAAAATGGATGGATTGG
<i>CitCAO</i>	TCGCATCCAATGCCATAT	TTTCTCGCATTCCCACATCTGT	ATGGGTGGGAATACT
<i>CitPSY</i>	CGTTGATGGGCCTAACATGCTT	ACCTGGACTCCCACCTGTCTAA	ACACATAACTCCAACAGC
<i>CitPDS</i>	TGGCAACCCCCCAGAGA	CACCCAGTGACTGAATGTGTT	ACTTGCTTGCCATTGT
<i>CitZDS</i>	AAAGGCACTTGTTGATCCTGATG	ACCAATCAGAGAACGTTATACTATCCA	CCTTAAGGACATACGAGAT
<i>CitLCYb1</i>	TGGTACCGCTGGGATGGT	CAATAGGAGCCGCAGCTAAAGT	CACCCCTCAACTGGCT
<i>CitLCYb2</i>	CCTTGGCTAACCAAGGATGA	ACCCATTCCACACTTCTGATGA	CAGAGGCAGGCCAC
<i>CitHYb</i>	GCGGCTACCAGCTTCAC	CCGAGAAAGAGCCCATATGG	ACTCGGATAAATTCC
<i>CitLCYe</i>	AAGGTGTGCGAGTCAGGTGTTT	CCACTGGTAGATTCCGTAATGCT	ATATCTTAGCTCAAAAGTGG
<i>CitZEP</i>	CTAAAGAGCTATGAGAGAGCTAGGAGACT	CACTGCCGCCGATCTG	CGAGTGGCTGTTATC