

Supplementary Materials: Identification and Expression Analysis of Polygalacturonase Family Members during Peach Fruit Softening

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Table S1. The standardized FPKM values of 16 PpPG genes in RNA-seq of QJB fruit.

Name	Postharvest Days (d)		
	0	2	4
<i>PpPG1</i>	1.5	2	17.5
<i>PpPG6</i>	31.5	38	27
<i>PpPG10</i>	0	3	24.5
<i>PpPG11</i>	34.5	18	9
<i>PpPG12</i>	7.5	170	1235
<i>PpPG13</i>	133.5	364	293.5
<i>PpPG14</i>	423.5	416	247.5
<i>PpPG15</i>	1	10	53.5
<i>PpPG21</i>	6	2896	30,400
<i>PpPG22</i>	2.5	1435	15,699
<i>PpPG23</i>	71	205.5	312.5
<i>PpPG24</i>	695.5	933	858
<i>PpPG25</i>	751.5	898	1193
<i>PpPG35</i>	18	8.5	16
<i>PpPG38</i>	1017	963.5	874.5
<i>PpPG39</i>	1.5	0.5	0.5

Table S2. Sequences of the primers used for quantitative reverse transcription PCR analysis.

Gene Name	GenBank Accession No.	Primers for qRT-PCR (5'–3')
<i>PpPG1</i>	ppa018113m	F: GTGTTGGACTATGGTGCTA R: AGATTGGTTTGACGAGGAA
<i>PpPG6</i>	ppa004002m	F: ATAGTGGTGGTATCAGTGGAT R: GCTTGGTGGAGTGTCATC
<i>PpPG10</i>	ppa026655m	F: CAAATCTCCTATCACCTCAA R: GCCACCATATCCTTCCATT
<i>PpPG11</i>	ppa018224m	F: GGAGGAGTTGGAGATGGAAAGACA R: GAGAGTGAAGTGGCTGATGAGGTT
<i>PpPG12</i>	ppa020086m	F: TCCTAAGAGCCGCAGAATGTAGAAC R: AGATGATGAATGGCCGCCTTGAA
<i>PpPG13</i>	ppa005310m	F: CTCATCAGCCATCTAACCTT R: ATGTCTTCCACCTATCAACTC
<i>PpPG14</i>	ppa014982m	F: CGGATGCTTGGATTGGTT R: GGATTGTGAGTTGGTCTTG
<i>PpPG15</i>	ppa018901m	F: TTCCAGTCCTGCCTTCAT R: CGATAGTGCCGTTGTTACC
<i>PpPG21</i>	ppa006839m	F: GTCATCTGGTGTCAATCCTCAACTC R: GTCCACAAGCAACGCCTTCTATCC
<i>PpPG22</i>	ppa006857m	F: CAGCCAAATGTTCCATATAGTCATCAACGA R: CCACAAGCAACGCCTTCTATCCAC
<i>PpPG23</i>	ppa005015m	F: TCTCTGCTCCTCCTCTTACCATCA R: AACTGCCCCGTCAACCATCTCCC
<i>PpPG24</i>	ppa004996m	F: CTGAGATGGTGTGGAATAG R: ATGGCTGGTGAAGTTGAA
<i>PpPG25</i>	ppa005818m	F: GGTAACCTTGCTCTGGGATAG R: ATGTGGCTTGTGAGATTGA
<i>PpPG35</i>	ppa022427m	F: TTACAAGACATCCCACTCAAC R: GAAGTTACCGCCGTCATC
<i>PpPG38</i>	ppa004793m	F: TTGCTGAAGATGCTGAGA R: CCCTGTCCGTTTATGGTA
<i>PpPG39</i>	ppa021427m	F: CGTTCCACCGAAGAGATT R: GAGACCGCTTACACCATT