

Table S1. Primers used in this study.

Gene Name	Sequence (5'→3')	Size (bp)
<i>GhCNGC1</i>	Forward: TTATTGCAATAATGATGAATTAGGTTC Reverse: ATGAGAGAGTGTCTGAATATAAACATAC	112
<i>GhCNGC2</i>	Forward: AGTTTTGGTGATTACTAGTGTAGTT Reverse: ATACTCCTGGTTTGAGTTTATCTG	83
<i>GhCNGC3</i>	Forward: TAATCAATGGAGTCAAGTAAGACTAAG Reverse: TCGGTTTCATCACGATTTTTAATTTCG	112
<i>GhCNGC4</i>	Forward: CTGAATCCACTCCTGAAAAGAATCC Reverse: TGTCTCTACAAGTTGCAGTGTGATG	138
<i>GhCNGC5</i>	Forward: AGTTAAGTCCTCGTAAGTTACGAGT Reverse: GTATGCATTCTTGGTTGAACTCTCA	136
<i>GhCNGC6</i>	Forward: CGGTTTTGATTGGTGTGCGCTG Reverse: GGCCGGTGCAATCGATACGTAC	99
<i>GhCNGC7</i>	Forward: AGTTGAGTGATTGAAATGAAACCAATAT Reverse: ATGTTTCAGATCCATCCATCCAATTTATT	139
<i>GhCNGC8</i>	Forward: TGAAATGCAATCCACCATACAGGA Reverse: AACGTGGAAATCATAGGACATAGT	124
<i>GhCNGC9</i>	Forward: CTGTCAAATAAGTAGTCCGCATAAC Reverse: CAATGGGGTAACAAGATAATCTAAG	141
<i>GhCNGC10</i>	Forward: AATCTTGGACAGCTGGTACACC Reverse: ATATTGGTACACCGGTGATTACG	171
<i>GhCNGC11</i>	Forward: TGCATAAAGAGTGGCTCCGAGAC Reverse: TTCGTGAAGCAGAGGATAAGCTG	101
<i>GhCNGC12</i>	Forward: ACTCCTCCATTCGAGACAGTGA Reverse: GCATGGACCGTGACAAATATAC	152
<i>GhCNGC13</i>	Forward: AGTACGCACAAGACCATTTCATCAA Reverse: ATCGACCGAGACGAATAAAGAATAG	143
<i>GhCNGC14</i>	Forward: CTCAATCAATGGCGTATTTTCATATCA Reverse: TGTCATACACTGCGAGAAATAACTCA	194
<i>GhCNGC15</i>	Forward: CAAATCAACTTATGGGGTCAATTATG Reverse: GAGATTTTTACATTTTCGGATAATTCAA	108
<i>GhCNGC16</i>	Forward: TCAGAATATTCACCGCCCTTATC Reverse: AACTCAGAGGTTTACAAGTCAAGA	152
<i>GhCNGC17</i>	Forward: GAAAACGATTGATTCATGTTAGTATCA Reverse: TACATTGTAGCAAGAGTTCGATTAC	188
<i>GhCNGC18</i>	Forward: CATATCCGACACTCTCTCGTATCTG Reverse: CCACTTTTCTGCTTTAGAGACACTC	188
<i>GhCNGC19</i>	Forward: ATGAAAAGAAAAAATGTATGGTGACTA Reverse: TTAGACTCCTGGTAAAGCAACACT	112
<i>GhCNGC20</i>	Forward: TTTGGATAAAGGAGAACTTAAGTATA Reverse: GTGTAGGTATTATTAGTCAGTGAACAA	145
<i>GhCNGC21</i>	Forward: ATGCAGGAGCAGCCGAAGTCA Reverse: AGGGTTCATAAATGCGCCAACA	123
<i>GhCNGC22</i>	Forward: ATGGGACATGGTACTCCACTAA Reverse: CGGAATCCACCGTTAAGTACAA	105
<i>GhCNGC23</i>	Forward: ATAAGATGAAATACAAGTAAAGCCATA	162

	Reverse: AGTTGAGTGAGTGTTGATGTAATTTA	
<i>GhCNGC24</i>	Forward: CTATCGGTTAGGAAGAAAGACGA	67
	Reverse: TGGGCTGCTTTGTTTGTAGTCAA	
<i>GhCNGC25</i>	Forward: TCTCTACAAGTTGCAGTGTGATGA	138
	Reverse: CTGAAC TCACTCCTGAAATTTACA	
<i>GhCNGC26</i>	Forward: AATATATCATTTCCAGTTAAGTCCTA	151
	Reverse: AATTCAAGTAATCAACATCCTTCCAT	
<i>GhCNGC27</i>	Forward: TGAAATCATCGTGGTTGGTTAATCA	159
	Reverse: GGTGCACCATGTTCCGTACGA	
<i>GhCNGC28</i>	Forward: GATTCAATAATGTTAAAAAGTGTGACA	169
	Reverse: TATATATGGGCACTAAAGAACGGCA	
<i>GhCNGC29</i>	Forward: TTCCGCCAATTACCAGCGACA	145
	Reverse: AAGTCAAGGGAAGAGCCTGCA	
<i>GhCNGC30</i>	Forward: ATCGTACTTGACACTAATATCAACA	184
	Reverse: TTCCTGACAATTTAGTGCTCCTTA	
<i>GhCNGC31</i>	Forward: TTA CTCCACCTCAACCTGATTCA	146
	Reverse: GTGCATGGACCGTGACAGATATA	
<i>GhCNGC32</i>	Forward: GCTGTGCTAAACACGAGTATATGT	142
	Reverse: CTACGATGACCTCAAGTCTAAGAA	
<i>GhCNGC33</i>	Forward: AGAATATAAAGCCCTTGCCAACGCA	71
	Reverse: GTTTGAGAGAACTTGCAACTCAGATA	
<i>GhCNGC34</i>	Forward: ACCTGGTTAAAGCTGAATTGGGTA	142
	Reverse: TTTGAGTCATTGCTTCTTCTTCTTA	
<i>GhCNGC35</i>	Forward: TATTGCAACTCGCTTGAAAGAAC	134
	Reverse: CAGCTACTGTTTGAGTCAGGA	
<i>GhCNGC36</i>	Forward: TCAATAACAATGGCAGTAGTACAGA	118
	Reverse: GGAATTCTACTATTACTATTACTATCA	
<i>GhCNGC37</i>	Forward: CAGTTTGGAATACAGTTGTAAGTA	80
	Reverse: TAGGCATAAGAATTAATGAAGCAAC	
<i>GhCNGC38</i>	Forward: GTGGAACCAAATGATATGACACCA	143
	Reverse: ACCAGTCTGACAACCATCCTGTTA	
<i>GhCNGC39</i>	Forward: CTCAAACATAATCACATAGGATCGA	120
	Reverse: AAAGAAAACGTAGCATGCTTATAG	
<i>GhCNGC40</i>	Forward: CATCATATACAGACCTCATACTCA	137
	Reverse: GCAGGTAGGTGAGAGACTTA	
<i>GhACT7</i>	Forward: GATTCCGGTGACGGTGTTTC	152
	Reverse: GCAGTGGTGGTGAACATGTAAC	
<i>GhUBQ7</i>	Forward: CGAGTCTTCGGACACCATTGA	258
	Reverse: GGACAGCGAGCTTGACCTTC	
<i>GhCNGC1&18 (1)</i>	Forward: ATCCTTCACGTGCAACGCCCATGCA	439
	Reverse: CTCTTGATCATTTTGAGCTGGAGGCAC	
<i>GhCNGC1&18 (2)</i>	Forward: GACCCAGTACAAAGAATGCTAT	400
	Reverse: TCCGAGGCCTAATGAATGACA	
<i>GhCNGC12&31 (1)</i>	Forward: TGAGAGAGGAACAATACAAGCTA	473
	Reverse: GAGAATCTTAACAGCGAGAGAGT	
<i>GhCNGC12&31 (2)</i>	Forward: AAGGAGATCCGGTGCTACGA	425
	Reverse: TAAGTCGATCTTCACTTCCACCA	
<i>GhPRI</i>	Forward: AAGAATGTGGGTTAGTGAGAGGGT	90

<i>GhPR3</i>	Reverse: ACCACTTGAGTATAATGCCCCGC	172
	Forward: GATGACTCCACAATCACCGAAGC	
<i>Vd ITS</i>	Reverse: GCGGTCTTCTACCTGGGCATT	129
	Forward: CGGTGTTGGGGATCTACGTC	
	Reverse: CGGGCTTGTAGGGGGTTTAG	
