

Table S5. Primers used for QPCR assays of type A *GmPP2C* and *GmSnRK2* genes

Gene name	Forward primer (5' to 3')	Reverse primer (5' to 3')	Product (bp)
<i>GmPP2C1</i> (Glyma.01g225100)	CATCCCACTCAACACTACTACAAC	TACCCATCCTAACAATACAAGACAA	165
<i>GmPP2C2</i> (Glyma.02g250200)	CTAGAGTGCTTGGAGTGTGGCT	ATTTTCTTCCCTTTTTTGTCA	489
<i>GmPP2C3</i> (Glyma.04g053800)	ATTTTATTTTTGGTCATTTCTTC	CTCTGTCTACCTCCGTCAACTCTAG	251
<i>GmPP2C4</i> (Glyma.05g227100)	CAACTACGACACCAGTACCGTTG	TCTCTTCTTCTCCCTATCACC	337
<i>GmPP2C5</i> (Glyma.06g054000)	ATCTGTCCAACCCATTGTCTCT	CTCGTTTCTTCTTCTCTTTT	266
<i>GmPP2C6</i> (Glyma.08g033800)	ACTTCAGCTTGTGTTCTCCTA	CCAGTGTCACTTGTCAATGAAG	80
<i>GmPP2C7</i> (Glyma.09g066500)	CCTAACCAAACTGACCAACTAAAAA	CACTCAACTCTCAACCTATGAAAACA	238
<i>GmPP2C8</i> (Glyma.11g018000)	ACGCACGAAAAGAGTCAGATGA	TTGGAATTTAGACGCGAAAAG	302
<i>GmPP2C9</i> (Glyma.11g222600)	TTACTTAGGTTCTGAATGGCTGG	TCGTTTCGGAAATATTGTCGTGG	289
<i>GmPP2C10</i> (Glyma.13g106800)	TCCCCCTTGACTCCGTTTATG	TTTTTTCCACCCTTTCCCT	251
<i>GmPP2C11</i> (Glyma.14g066400)	CCCCACTTGCTTTTCATTTTTT	TACCCCATACCTCGGATACTCCT	433
<i>GmPP2C12</i> (Glyma.14g108400)	TGTGTTTAGAGATATGGGGCGT	AAGGTGGTGATAGTGAATGGG	298
<i>GmPP2C13</i> (Glyma.14g162100)	CACAACATGCCGTTTCTCTTTA	ATCTCCTTCTGCTCCCTATCAC	491
<i>GmPP2C14</i> (Glyma.15g172500)	AAGCAAAGAAATCTGTGAAGAAAT	AAAAAAAAGGAATAAAAAGGAGGA	131
<i>GmPP2C15</i> (Glyma.17g052500)	TATTTGCCTTTGGTTTGCTATGA	ACTTTTTCTCCACCCTTTCCC	251
<i>GmPP2C16</i> (Glyma.17g218700)	CTCAAAGAAAATATAAGAGCAAG	AGAGGAGAATCAGGTAACAGTAC	418
<i>GmPP2C17</i> (Glyma.18g035000)	CATAGTTCGGATAATGTGAGCGT	GATTCCTTAGTTTGGTTTGGTTT	129
<i>GmPP2C18</i> (Glyma.19g069200)	ATGTCGTCATGTTCTGAGTTTCG	TTTTGGCGTCTCATAGTCGTTT	103
<i>GmSnRK2.1</i> (Glyma.04g205400)	GGGTCATCTGGTCTCCTCAA	TCATCTTGTGCTGCTCACG	173
<i>GmSnRK2.2</i> (Glyma.06g160100)	ATCATCTGGTCTCCTCAAAGGG	CTGCATTGCGGACCGAAATC	162
<i>GmSnRK2.3</i> (Glyma.05g197700)	GCCTAGATACTGGAGGAGGG	TGTAGCAAATCCATTAAAGGAGAATA	200
<i>GmSnRK2.4</i> (Glyma.08g005100)	CCTCATCACCACGCACAAC	GGCTGAAAGAAGGGGTACG	152
<i>GmSnRK2.5</i> (Glyma.08g188300)	TCATCTTCTCAGTCTCAGCCA	GCTCAAGCTGCTACTACAG	191
<i>GmSnRK2.6</i> (Glyma.12g169800)	CTTCTTCAGCTCGGTCACT	TTGTTGAGGAGGCCAAGACT	138
<i>GmSnRK2.7</i> (Glyma.02g208500)	TCAGCATCAAAGTCATCCAGG	GCCCATGGAAGTACGCGA	174
<i>GmSnRK2.8</i> (Glyma.14g176700)	GATCTTCATCAGCATCCAAGTCA	GAAGTTGCCATAGAACAGATG	188
<i>GmSnRK2.9</i> (Glyma.05g176100)	GCACAGACAAAATACCGCTT	TGCAAAATGATGATGTGAATGACG	199
<i>GmSnRK2.10</i> (Glyma.08g133600)	GCAAGATGAGTTGGAGTAAGC	CAGGAAACTTTGGTGTGGCA	187
<i>GmSnRK2.11</i> (Glyma.05g066700)	GTCCAACCTCTCTGCTTTGG	CCAAGAGGATCACCATCCCG	198
<i>GmSnRK2.12</i> (Glyma.17g148800)	GAATTGAAGATACATACCTGGCA	TGGTGCATACCCATTGAAGAT	174
<i>GmSnRK2.13</i> (Glyma.01g204200)	CGTAGTCGGGTATGGCGTAT	ATGTTTGGTCGTGTGGTGTG	135
<i>GmSnRK2.14</i> (Glyma.11g038800)	CCTCATCACCACGCACAAC	GGCTGAAAGAAGGGGTACG	152
<i>GmSnRK2.15</i> (Glyma.02g135500)	CAGCAACAAGTTCTCAGTATGTT	TGTTGGCCAGGAATGGATT	131
<i>GmSnRK2.16</i> (Glyma.07g209400)	TCTATCTGCTTTTACCTCTCTCA	CCGGAATGGATTGCGCGAT	158
<i>GmSnRK2.17</i> (Glyma.07g178600)	TCGTCATCAATGTCCAAGCTA	GAACACGATGAACAGGCAA	150
<i>GmSnRK2.18</i> (Glyma.20g009600)	GCCAAATGTGTAGGGGTCAA	CCGTGATATTGGGTCTGGGA	201
<i>GmSnRK2.19</i> (Glyma.01g183500)	GGTCCCCGAGCTGGTATG	TGACCCTGCAGAGAGAATCACTATT	187
<i>GmSnRK2.20</i> (Glyma.11g058800)	GTCCCTGCAGCGGTAT	TGCAGAGAGAATCACTATTCTGA	180
<i>GmSnRK2.21</i> (Glyma.05g081900)	CTTTAAACGAGGTGCCGAGC	ACTGAGGATGAGGCTCGATT	135
<i>GmSnRK2.22</i> (Glyma.17g178800)	ATCTCGGTAAACGCCCA	ATAGAGGAGGGGCAATCACATT	152

<i>GmSKIP</i>	GAGCCAAGACATTGCGAGAG	CGGAAGCGAAGAACTGAACC	
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