

>AtPIP2;1 cDNA

ATGGCAAAGGATGTGGAAGCCGTTCCCGGAGAAGGATTTACAGACAAGAGACTATCAAGATCCGCCACCAG
CTCCGTTTATTGATGGAGCGGAGCTAAAGAAGTGGTCTTTCTACAGAGCAGTTATCGCAGAGTTTCGTAGC
CACTCTCCTCTTCTTATACATCACCGTTTTGACAGTCATCGGTTACAAGATTCAGTCCGATACTGATGCC
GGTGGCGTAGATTGCGGCGGAGTTGGAATCCTCGGTATCGCTTGGGCCTTTGGTGGTATGATCTTCATCC
TCGTCTACTGCACCGCCGGTATCTCTGGTGGTCACATTAACCCAGCGGTGACATTTGGGCTATTCTTGGC
ACGTAAAGTGTCTGTACCTAGGGCCCTATTGTACATAATCGCTCAGTGTGTTGGGTGCGATTTGTGGAGTT
GGTTTTGTCAAAGCCTTCCAAAGCTCTTACTACACCCGTTACGGAGGTGGAGCCAACTCTCTAGCCGATG
GCTACAGCACAGGACCGGTCTAGCCGCAGAGATCATTGGTACTTTCGTTCTTGTCTACACCGTCTTCTC
TGCCACTGACCCCAAACGTAGTGCCAGAGACTCCACGTTCCGGTGTGCGGCCACTTCCAATCGGATTT
GCCGTGTTTCATGGTACATTTGGCTACCATTTCCATTACCGGAACCGGAATTAACCCGGCAAGGAGTTTCG
GAGCTGCCGTAATCTACAACAAGAGCAAGCCATGGGATGACCACTGGATATTTTGGGTGGACCATTCAT
TGGAGCTGCGATAGCTGCATTTTACCACCAATTCGTTCTGAGAGCTTCAGGTTCTAAGTCTCTTGGATCA
TTCAGAAGTGCTGCCAACGTCTAA

>AtPIP2;3 cDNA

ATGGCTAAAGACGTGGAAGGACCTGATGGATTTACAGACGAGAGATTACGAAGATCCTCCGCCAACACCGT
TTTTTCGACGCAGAGGAGCTTACCAAGTGGTCTTTATACAGAGCAGTCATCGCCGAGTTTCGTAGCCACTCT
CCTCTTCTTGTACGTACCGTTTTTAAGTGTCTTGGTTACAAGATTCAGTCCGACACAAAAGCCGGTGA
GTTGACTGCGGCGGCGTCGGAATCCTTGGCATCGCGTGGGCTTTTGGTGGCATGATCTTCATCCTTGTCT
ACTGCACCGCCGGTATCTCAGGTGGTCACATAAACCCCTGCGGTGACGTTTGGTTTGTCTTAGCCCGGAA
GGTATCGCTGATTAGGGCGGTGCTTTACATGGTGGCTCAGTGTGTTGGGTGCTATTTGTGGAGTTGGGTTT
GTGAAGGCATTTCAAAGCTCTCACTATGTTAATTACGGTGGAGGAGCCAACTTTCTAGCTGACGGCTACA
ATACAGGCACCGGACTCGCGGCAGAGATCATCGGAACATTTCGTGCTTGTCTACACAGTCTTCTCCGTAC
TGATCCCAAACGCAACGCTAGAGACTCCACGTTCCGGTTTTTGGCGCCACTTCCGATTGGGTTTGGCGTG
TTTATGGTACATTTGGCCACTATTCCGATCACCGAACCGGTATCAACCCGGCTAGGAGTTTCGGAGCCG
CCGTAATCTTTTACAAGAGCAAGCCATGGGATGACCACTGGATATTCTGGGTGGGACCATTCATTGGAGC
TACGATAGCTGCATTTTATCACCATTTCGTTCTAAGGGCCTCAGGCTCCAAGTCCCTCGGTTTCATTGAGA
AGTGCAGCCAACGTTTAA

>AtPIP2;3:AtPIP2;1-loopC chimeric gene

ATGGCTAAAGACGTGGAAGGACCTGATGGATTTACAGACGAGAGATTACGAAGATCCTCCGCCAACACCGT
TTTTTCGACGCAGAGGAGCTTACCAAGTGGTCTTTATACAGAGCAGTCATCGCCGAGTTTCGTAGCCACTCT
CCTCTTCTTGTACGTACCGTTTTTAAGTGTCTTGGTTACAAGATTCAGTCCGACACAAAAGCCGGTGA
GTTGACTGCGGCGGCGTCGGAATCCTTGGCATCGCGTGGGCTTTTGGTGGCATGATCTTCATCCTTGTCT
ACTGCACCGCCGGTATCTCAGGTGGTCACATAAACCCCTGCGGTGACGTTTGGTTTGTCTTAGCCCGGAA
GGTATCGCTGATTAGGGCGGTGCTTTACATGGTGGCTCAGTGTGTTGGGTGCTATTTGTGGAGTTGGGTTT
GTGAAGGCATTTCAAAGCTCTCACTATGTTAATTACGGTGGAGGAGCCAACTTTCTAGCTGACGGCTACA
ATACAGGCACCGGACTCGCGGCAGAGATCATCGGAACATTTCGTGCTTGTCTACACAGTCTTCTCCGTAC
TGATCCCAAACGCAACGCTAGAGACTCCACGTTCCGGTTTTTGGCGCCACTTCCGATTGGGTTTGGCGTG
TTTATGGTACATTTGGCCACTATTCCGATCACCGAACCGGTATCAACCCGGCTAGGAGTTTCGGAGCCG
CCGTAATCTTTTACAAGAGCAAGCCATGGGATGACCACTGGATATTCTGGGTGGGACCATTCATTGGAGC
TACGATAGCTGCATTTTATCACCATTTCGTTCTAAGGGCCTCAGGCTCCAAGTCCCTCGGTTTCATTGAGA
AGTGCAGCCAACGTTTAA

Figure 2. Nucleotide sequences of *AtPIP2;1* and *AtPIP2;3* cDNA and the chimeric gene (*AtPIP2;3:AtPIP2;1-loopC*) in the FASTA format. Blue letters indicate nucleotides corresponding to *AtPIP2;1* and red letters indicate that corresponding to *AtPIP2;3*