

**Nucleotide sequence of BpMYB61 from birch**

TCTCTCTCTCTCTCTCTCTCTAAACATCTTTTCTACTCCACAACCTCCCTTAAAAATCCATTTTCAGAGCCAC  
CTCTAGCCGTTGCTGACAGTTCTCTTAGGATTCAACAAAAATTGCTGCTGTTTTAAGGATAGCTTCTCCC  
TCATAGCAGGTGGGTCTTGCTCTAAAAATGGGGAGGCACTCTTGCTGTTACAAGCAGAAGCTAAGGAAAG  
GCCTTTGGTACCCAGAGGAGGATGAGAAGCTTCTGAGGCATATTACCAAGTATGGTCATGGCTGTTGGA  
GCTCTGTTTCTAAGCAAGCCGGTCTGCAGAGGTGTGGGAAGAGCTGCAGATTGAGGTGGATCAACTACT  
TGAGGCCTGATTTGAAGAGAGGTACATTCTCGCAGGAGGAAGAGAATCTCATAATCGAACTTCATGCAG  
TTCTCGGGAACAGGTGGTCTCAGATTGCAGCACAATTGCCTGGAAGAACCGACAATGAAATAAAAAATC  
TATGGAACCTTTGCTTGAAGAAGAAGCTGAGGCAGAGAGGTATTGACCCCGTCACCCACAAACCAATTT  
CCGAAGTGGAGAACGGAGAGGAGGATAAAAGATACAGAAACCAAAGACAAAATGTCGGTGGTAT  
CCAATGAACTCAATCTCCTCAAGGCAGAAAGTTCAAGGCAAGAATCCCCAATTGCTGCACAAGGCTACC  
GATTGGAAGTGCAGGGTAACAATTTGATGACACCCACAGCTAACAATGATTTCTCCACCAAGATACTT  
CCACAACCAACTGCCAGCCGTGAGAGTTGGTGGGACATTTTCCGCTTCAGCAATTGAATTATGTATCCA  
ATGCCACAAACTCCAACCCACGCAGTGGTTCACCCAAAGTGGGAAATCGTTTGATATGAATTCTGAGT  
TTGCTCCATGCTACCAAACTCTATTGGTTACAAGCCTTCGCTTACTTTTCCCGCCGACAATGTATCCA  
TGAGCTCTTTCACAGTGAATGGATCCCGTACTGGGAAGGCAGTGGCGCCGCCGCCACCAACAGCAACA  
GCGGAAGCAGCAGCAGCGCTGAGTTGCAAAGCAACAGCTCCTTGCTGGAGAACAGCATGTTTTCGTGGG  
GATTGGCTGATTGTGGCACATCAGATAAGGAGACCCAAACCCATCTGACCGAAGACATCAAGTGGGCAG  
AATATTTTAATAACCCATTATTGATGGCGGCTGCTTTACAAAATCAAACACCACAGTGTTTATACAATG  
AGATAAAATCAGAAACGCATTTGGTGACCGATACTTCAACTGCTATGTGGGCACATCATAACAAGCAGC  
AGGGATCTTTGCAGACTCACTCTGAAAGACTTGCCGCGGCTTTGGACATACTTAA

**Amino acid sequence of ORF of BpMYB61 from birch**

MGRHSCCYKQKLRKGLWSPEEDEKLLRHI TKYGHGCWSSVPKQAGLQRCGKSCRLRWINYLRPDLKRG  
FSQEEENLI IELHAVLGNRWSQIAAQLPGRDNEIKNLWNSCLKKKLRQRGIDPVTHKPISEVENGEED  
KDTETKSKDKMSVVSNELNLKAESSRQESPIAAQGYRLEVQGNNLMTPTANNDFLHQDTSTTNCQNSE  
LVGHFPLQQLNYVSNATNSNPTQWFTQSGKSFDMNSEFASMLPNSIGYKPSLTFPADNVSMSSFTVNGS  
RYWEGSGAAATNSNSGSSSSAELQSNSSLENSMFSWGLADCGTSDKETQTHLTEDIKWAEYFNNPLLM  
AAALQNQTPQCLYNEIKSETHLVTDTSTAMWAHHNKQQGSLQTHSERLAAAFGHT