



Vector pENTR4-AtU6.1-AtU6.29. The restriction enzyme recognition sites are indicated by the square brackets. Yellow arrows represent the cutting sites. AtU6.1 and AtU6.29 are two versions of *U6* small nuclear RNA gene promoter from *Arabidopsis thaliana*.

Sequence (3,247 bp):

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TTCGATTCAGGTCTCGGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAGGCTAGT
CCGTTATCAACTTGAAAAAGTGGCACCGAGTCGGTGCTTTTTTTGTCCCTTCGAA
GGGCAATTCTGCAGATATCCATCACACTGGCGGCCGCACTCGAGCTGGAATCGG
CAGCAAAGGAAAATATCAGAGATCTCTTACAGTTAGTTTCGTTCTTAATCCAAAC
TACTGCAGCCTGACAGACAAATGAGGATGCAAACAATTTTAAAGTTTATCTAAC
GCTAGCTGTTTTGTTTCTTCTCTCTGGTGCACCAACGACGGCGTTTTCTCAATCAT
AAAGAGGCTTGTTTTACTTAAGGCCAATAATGTTGATGGATCGAAAGAAGAGGG
CTTTTAATAAACGAGCCCGTTTAAGCTGTAAACGATGTCAAAAACATCCCACATC
GTTCAAGTTGAAAATAGTAGCTCTGTTTATATATTGGTAGAGTCGACTAAGAGATT
GGCTAGGATCCATCGCAGTCAGCGATGAGTACAGCAAGTTTTAGAGCTAGAAAT
AGCAAGTTAAAATAAGGCTAGTCCGTTATCAACTTGAAAAAGTGGCACCGAGTC
GGTGCTTTTTTTTCAAGAGCTTGGAGTGGATGGACCTCTAGACCCAGCTTTCTTGT
ACAAAGTTGGCATTATAAGAAAGCATTGCTTATCAATTTGTTGCAACGAACAGGT
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CACTATCAGTCAAAATAAAATCATTATTTGCCATCCAGCTGCAGCTCTGGCCCGT
GTCTCAAAATCTCTGATGTTACATTGCACAAGATAAAAATATATCATCATGAACA
ATAAACTGTCTGCTTACATAAACAGTAATACAAGGGGTGTTATGAGCCATATTC
AACGGGAAACGTCGAGGCCGCGATTAAATTCCAACATGGATGCTGATTTATATG
GGTATAAATGGGCTCGCGATAATGTCGGGCAATCAGGTGCGACAATCTATCGCTT
GTATGGGAAGCCCGATGCGCCAGAGTTGTTTCTGAAACATGGCAAAGGTAGCGT
TGCCAATGATGTTACAGATGAGATGGTCAGACTAAACTGGCTGACGGAATTTAT
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CCACTGCGATCCCCGGAAAAACAGCATTCAGGTATTAGAAGAATATCCTGATTC
AGGTGAAAATATTGTTGATGCGCTGGCAGTGTTCTGCGCCGGTTGCATTCGATT
CCTGTTTGTAATTGTCCTTTTAAACAGCGATCGCGTATTTCTGTCTCGCTCAGGCGCA
ATCACGAATGAATAACGGTTTGGTTGATGCGAGTGATTTTGATGACGAGCGTAAT
GGCTGGCCTGTTGAACAAGTCTGGAAAGAAATGCATAAACTTTTGCCATTCTCAC
CGGATTCAGTCGTCACTCATGGTGATTTCTCACTTGATAACCTTATTTTTGACGAG
GGGAAATTAATAGGTTGTATTGATGTTGGACGAGTCGGAATCGCAGACCGGATAC
CAGGATCTTGCCATCCTATGGAAGTGCCTCGGTGAGTTTTCTCCTTCATTACAGA
AACGGCTTTTTCAAAAATATGGTATTGATAATCCTGATATGAATAAATTGCAGTT
TCATTTGATGCTCGATGAGTTTTTCTAATCAGAATTGGTTAATTGGTTGTAACATT
ATTCAGATTGGGCCCCGTCCACTGAGCGTCAGACCCCGTAGAAAAGATCAAAG
GATCTTCTTGAGATCCTTTTTTTCTGCGCGTAATCTGCTGCTTGCAAACAAAAAAA
CCACCGCTACCAGCGGTGGTTTGTTTGCCGGATCAAGAGCTACCAACTCTTTTTC
CGAAGGTAACTGGCTTCAGCAGAGCGCAGATACCAAATACTGTTCTTCTAGTGTA
GCCGTAGTTAGGCCACCACTTCAAGAACTCTGTAGCACCGCCTACATACCTCGCT
CTGCTAATCCTGTTACCAGTGGCTGCTGCCAGTGGCGATAAGTCGTGTCTTACCG
GGTTGGACTCAAGACGATAGTTACCGGATAAGGCGCAGCGGTCTGGGCTGAACGG

GGGGTTCGTGCACACAGCCCAGCTTGGAGCGAACGACCTACACCGAACTGAGAT
ACCTACAGCGTGAGCTATGAGAAAGCGCCACGCTTCCCGAAGGGAGAAAGGCGG
ACAGGTATCCGGTAAGCGGCAGGGTCGGAACAGGAGAGCGCACGAGGGAGCTT
CCAGGGGGGAAACGCCTGGTATCTTTATAGTCCTGTCGGGTTTCGCCACCTCTGAC
TTGAGCGTTCGATTTTTGTGATGCTCGTCAGGGGGGCGGAGCCTATGGAAAAACG
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TCTCGGGGACGTCTAACTACTAAGCGAGAGTAGGGAACTGCCAGGCATCAAATA
AAACGAAAGGCTCAGTCGGAAGACTGGGCCTTTCGTTTTATCTGTTGTTTGTTCGG
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AGCAACGGCCCCGGAGGGTGGCGGGCAGGACGCCCCGCCATAAACTGCCAGGCATC
AAACTAAGCAGAAGGCCATCCTGACGGATGGCCTTTTTGCGTTTCTACAAACTCT
TCCTGTTAGTTAGTTACTTAAGCTCGGGCCCCAAATAATGATTTTATTTTGACTGA
TAGTGACCTGTTTCGTTGCAACAAATTGATAAGCAATGCTTTTTTATAATGCCAAC
TTTGTACAAAAAAGCAGGCTCCACCATGGGAACCAATTCAGTCGACTGGATCCG
CAGCAAAGGAAGAAATCTCAAAATTCCGGCAGAACAATTTTGAATCTCGATCCG
TAGAAACGAGACGGTCATTGTTTTAGTTCCACCACGATTATATTTGAAATTTACG
TGAGTGTGAGTGAGACTTGCATAAGAAAATAAAAATCTTTAGTTGGGAAAAAATT
CAATAATATAAATGGGCTTGAGAAGGAAGCGAGGGATAGGCCTTTTTCTAAAAT
AGGCCCATTTAAGCTATTAACAATCTTCAAAAGTACCACAGCGCTTAGGTAAAG
AAAGCAGCTGAGTTTATATATGGTTAGAGACGAAGTAGTGATTGGAGACCAGGA
TCCCCCGGGCTGCAGGAA