

S4 Text : Multiple alignment of nucleotide sequences of *NbUBC1* and *NbUBC2* of *N. benthamiana* by ClustalW (www.ebi.ac.uk/Tools/msa/clustalw2).

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NbUBC2      ATGTGCGACTCCAGCGAGGAAAGATTGATGAGGGATTTAAGCGGTTACAGCAAGATCCC
NbUBC1      ATGTGCGACTCCAGCTAGAAAAGGTTGATGAGAGATTTCAAGAGGTTGCAGCAGGACCTT
*****
NbUBC2      CCGGCCGGCATCAGTGGAGCTCGTATGACAACAATATAATGCTATGGAATGCAGTCATT
NbUBC1      CCTGCTGGTATAGTGGTGCACCTCAAGACAACAACATATGCTTTGGAATGCCGTGATA
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NbUBC2      TTGCGCCCTGATGATACTCCCTGGGATGGAGGTACATTTAAGCTGACACTTCAATTC TCA
NbUBC1      TTTGGTCTCTGATGACACTCCCTGGGATGGTGGTACGTTCAAGCTGACTCTTCAATTC TCT
** * * * * *
NbUBC2      GAGGACTATCCAAACAAACCACCAACTGTGCGGTTTATTTCCAGAATGTCCACCCAAT
NbUBC1      GAGGATTACCCCAATAAGCCACCAACAGTGC GGTTTGTCTCGCATGTTTCATCTAAC
*****
NbUBC2      ATTTACGCTGATGGAAGTATTTGCTTAGACATCTGCAAAATCAGTGGAGTCCCATATAT
NbUBC1      ATTTATGCAAGATGGAAGTATATGTTGGATATTCTCAAAATCAGTGGAGTCCAAATATAT
*****
NbUBC2      GATGTAGCTGC TATACTGACTTCAATCCAGTCTTTGCTCTGTGATCCAAATCCTAAC TCG
NbUBC1      GATGTTGCAGCTATACTTACATCCATTCAGTCA TTGCTGTGCGATCCCAACCCAAT TCA
*****
NbUBC2      CCAGCAAAATTCAGAAGCAGCACGCATGTTCAGTGAGAA CAAGCGTGAATACAACGGAAG
NbUBC1      CCTGCAAAATTCGGAAGCAGCTCGGATGTTCAGCGAGAA TAAAAGGGA TACAACCGCAGA
** * * * * *
NbUBC2      GTGCGCGAGGTTGTTCGAACAAAGCTGGACTGCCGACTAG-----
NbUBC1      GTTAGAGAAAGTTGTGGAGCAGAGCTGGACTGCTGACGGATCCATCTGCTGA
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