

CATATGGGTAAAGTTCGTTGGCAGGACTTCGACCAGGACGCTTACGTTGGTGCTACCGTTGTTTCGTTCT
GGTCAGGACCCGTACGCTCGTAACAAATTC AACCCAGGTTGAATCTGACAAACTGCGTATGGACCGTTCT
ATCCCGGACACCCGTACGACCAGTGCCAGCGTAAACAGTGGCGTATCGACCTGCCGGCTACCTCTGTT
GTTATCACCTTCCACAACGAAGCTCGTTCTGCTCTGCTGCGTACCGTTGTTTCTGTTCTGAAAAAATCT
CCGTCTCACCTGATCAAAGAAATCATCCTGGTTGACGACTACTCTAACGACTCTGAAGAtGGTGCTCTG
CTGGGTAAAAATCGAAAAAGTTCGTGTTCTGCGTAACGACCGTCGTGAAGGTCTGATGCGTTCTCGTGTT
CGTGGTGCTGACGCTGCTCAGGCTAAAGTTCTGACCTTCCTGGACTCTCACTGCGAATGCAACGAACAC
TGGCTGGAACCGCTGCTGGAACGTGTTGCTGAAGAtAAAACCCGTGTTGTTTCTCCGATCATCGACGTT
ATCAACATGGACAACCTTCCAGTACGTTGGTGCTTCTGCTGACCTGAAAGGTGGTTTTCGACTGGAATCTG
GTATTCAAGTGGGACTACATGACCCCGGAACAGCGTCGTGCTCGTCAGGGTAACCCGGTTGCTCCGATC
AAAACCCCGATGATCGCTGGTGGTCTGTTTCGTTATGGACAAATCTTACTTCGAAGAACTGGGTAAATAC
GACATGATGATGGACGTTTGGGGTGGTGAAAACCTGGAAATCTCGTTTCGTGTCTGGCAGTGC GGCGGT
TCTCTGGAATCATCCCGTGCTCTAGGGTTGGCCACGTGTTCCGCAAACAGCACCCGTACACCTTCCC
GGTGGTTCTGGTACCGTTTTTCGCTCGTAACACCCGTCGTGCTGCTGAAGTTTGGATGGACGAATACAAA
AACTTCTACTACGCTGCTGTTCCGTCTGCTCGTAACGTTCCGTACGGTAACATCCAGTCTCGTATGGAA
CTGCGTAAACGTCTGTCTTGCAAACCGTTCAAATGGTACCTGGAAAACGTTTACCCGGAACCTGCGTGTT
CCGGACCACCAGGACATAGCGTTCGGTGCTCTGCAGCAGGGTACCAACTGCCTGGACACCCTGGGTAC
TTCGCTGACGGTGTTGTTGGTGTTTACGAATGCCACAACGCTGGTGGTAACCAGGAATGGGCTCTGACC
AAAGACAAATCTGTTAAACACATGGACCTGTGCCTGACCGTTGTTGACCGTGCTCCGGTTCTCTGATC
AAACTGCAGGGTTGCCGTGAAAACGACTCTCGTCAGAAATGGGAACAGATCGAAAACAACCTCTAAACTG
CGTCACGTTGGTTCTAACCTGTGCCTGGACTCTCGTAACGCTAAAAACGGTGGTCTGACCGTTGAAATC
TGCGGTCCGTCTCTGTCTCAGCAGTGGAAATTCACCCTGAACCTGCAGCAGTAACTCGAG

Supplementary Figure 3. Gene sequence of the AfGalNT2 gene with the underlined NdeI/XhoI restriction sites. AfGalNT2 was subsequently cloned into the pET30a expression vector.