

CATATGCACCATCATCATCATCATTCTTCTGGGCTGGTGCCACGCGGTTCTGGTATGAAAGAAACCGCT
GCTGCTAAATTGAAACGCCAGCACATGGACAGCCCAGATCTGGGTGCCGACGACGACGACAAGGCCATG
GCTGATATCGGATCCGAATTCATTA AAAAGAAAGACCTTCATCACAGCAATGGAGAAGAGAAAGCACAA
AGCATGGAGACCCCTCCCTCCAGGGAAAGTACGGTGCCAGACTTTAACCAGGAAGCTTATGTTGGAGGG
ACGATGGTCCGCTCCGGGCAGGACCCCTTACGCCC GAACAAGTTCAACCAGGTGGAGAGTGATAAGCTT
CGAATGGACAGAGCCATCCCTGACACCCGGCATGACCAGTGTGAGCGGAAGCAGTGGCGGGTGGATCTG
CCGGCCACCAGCGTGGTGATCACGTTTCACAATGAAGCCAGGTTCGGCCCTACTCAGGACCGTGGTCAGC
GTGCTTAAGAAAAGCCCCGCCCATCTCATAAAAAGAAATCATCTTGGTGGATGACTACAGCAATGATCCT
GAGGACGGGGCTCTCTTGGGGAAAATTGAGAAAGTGCAGTTCCTTAGAAATGATCGACGAGAAGGCCTC
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GAGTGTAATGAGCACTGGCTGGAGCCCCCTCTGGAAAAGGTGGCGGAGGACAGGACTCGGGTTGTGTCA
CCCATCATCGATGTCATTAATATGGACAACCTTTCAGTATGTGGGGGCATCTGCTGACTTGAAGGGCGGT
TTTGATTGGAACCTGGTATTCAAGTGGGATTACATGACGCCGAGCAGAGAAGGTCCCAGGAGGGGAAC
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CAGAGCAGATTGGAGCTTAGGAAGAAACTCAGCTGCAAGCCTTTCAAATGGTACCTTGAAAATGTCTAT
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GACACTTTGGGACACTTTGCTGATGGTGTGGTTGGAGTTTATGAATGTCACAATGCTGGGGGAAACCAG
GAATGGGCCTTGACGAAGGAGAAGTCAGTGAAGCACATGGATTTGTGCCTTACTGTGGTGGACCGGGCA
CCGGGCTCTCTTATAAAGCTGCAGGGCTGCCGAGAAAATGACAGCAGACAGAAATGGGAACAGATCGAG
GGCAACTCCAAGCTGAGGCACGTGGGCAGCAACCTGTGCCTGGACAGTCGCACGGCCAAGAGCGGGGGC
CTAAGCGTGGAGGTGTGTGGCCCCGGCCCTTTCGCAGCAGTGGAAAGTTCACGCTCAACCTGCAGCAGTAA
CTCGAG

Supplementary Figure 2. Gene sequence of the HsGalNT2 gene with the underlined NdeI/XhoI restriction sites. HsGalNT2 was subsequently cloned into the pET30a expression vector.