

CATATGTTCAAAATCTCTATCATCCTGCCGACCTACAACGTTGAACAGTACATCGCTCGTGCTATCGAA  
TCTTGATCAAACAGACCTTCAAAGACATCGAAATCATCGTTGTTGACGACTGCCGTAACGACAACCTCT  
ATCAACATCGCTAAAGAATACTCTAAAAAAGACAAACGTATCAAAATCATCCACAACGAAAAAACATC  
GGTCTGCTGCGTGCTCGTTACGAAGGTGTTAAAGTTGCTAACTCTCCGTACATCATGTTCCCTGGACCCG  
GACGACTACCTGGAACCTGAACGCTTGCGAAGAATGCATCAAAATCCTGGACGAACAGGATGAAGTTGAC  
CTGGTGTTCCTTCAACGCAATCGTTGAATCTAACGTTATCTCTTACAAAAAATTCGACTTCAACTCTGGT  
TTCTACTCTAAAAAGAATTTCGTTAAAAAATCATCGCTGAAAAAACCTGTACTGGACCATGTGGGGT  
AAACTGATCCGTAAAAAAGTACCTGGAAGCTTTCGCTTCTCTGCGTCTGGAAAAAGACGTTAAAATC  
AACATGGCTGAAGACGTTCTGCTGTACTACCCGATGCTGTCTCAGGCTCAGAAAAATCGCTTACATGAAC  
TGCAACCTGTACCACTACGTTCCGAACAACAACCTCTATCTGCAACACCAAAAAACGAAGTTGGTGTAAA  
AACAAATCCAGGACCTGCAGCTGGTTCTGAACTACCTGCGTCAGAACTACATCCTGAACAAATACTGC  
TCTGTTCTGTACGTTCTGATCAAATACCTGCTGTACATCCAGATCTACAAAAATCAAACTCGAG

**Supplementary Figure 4.** Gene sequence of the CjCgtB30 gene with the underlined NdeI/XhoI restriction sites. CjCgtB30 was subsequently cloned into the pET30a expression vector.