

Additional files

Additional file 1 – Sequence of synthesized *goxB* gene with codone usage

optimized for *Saccharomyces cerevisiae*

ATGAAGAAACACTACGACACTGCAGTTATAGGTGGAGGGATCATTGGTTG
TGCGATATCGTACGAATTGGCCAAAACCTCAACAGAAGGTTGTCCTGCTAG
AAGCTGGAGAAGTAGGTAGAAAGACTACTAGTGCTGCTGCTGGAATGCTT
GGAGCTCATGCCGAATGCGAAAACAGGGATGCTTTCTTTGACTTTGCCAT
GCACTCACAAAGGCTTTATGAACCAGCAGGGCAAGAATTGGAAGAAGCA
TGTGGTATTGATATTAGACGTCATAATGGCGGAATGTTGAAGTTAGCCTAT
ACGGAAGAGGATATTGCCTGTTTAAGAAAGATGGATGATTTACCTAGCGT
TACCTGGTTGTCTGCTGAAGATGCATTGGAGAAGGAACCTTATGCATCGA
AAGACATACTAGGTGCATCCTTTATAAAAGATGATGTGCACGTAGAACCG
TATTATGTCTGCAAAGCCTACGCTAAAGGGGCTAGGAGATATGGTGCTGA
CATTTACGAACACACACAAGTCACCTCAGTGAAAAGAATGAACGGAGAG
TATTGCATCACAACATCAGGTGGAGATGTTTATGCCGACAAGGTTGCAGT
TGCTTCTGGTGTATGGTCTGGTCGTTTCTTTTCCCAGTTAGGTTTAGGTCAA
CCATTCTTTCCAGTAAAAGGCGAGTGTTTGAGTGTTTGGAATGACGATACC
CCATTAACCAAGACTCTTTACCATGACCATTGTTACGTGGTTCCAAGAAAG
TCCGGCAGATTGGTCATTGGTGCCACTATGAAACATGGTGATTGGTCTGAT
ACACCTGACATTGGTGGCATTGAAGCTGTGATTGGTAAGGCGAAAACGAT
GCTACCAGCAATTGAGCACATGAAAATCGATAGATTTTGGGCGGGTTTAA
GACCGGGAACAAGAGATGGCAAACCCTTCATTGGGAGACATCCCGAAGA
TAGCGGCATAATCTTTGCAGCCGGTCATTTAGAAATGGCATACTGCTGG
CTCCTGCAACAGCTGAAATGGTCAGAGACATGATCTTGGAACGTCAGATA

AAACAAGAGTGGGAAGAGGCATTTAGGATCGATAGAAAAGAGGCGGTC
ATATCTAA