



Figure S1. Detection of transgenic rice (a) Transgenic rice was screened with hygromycin. (Wild-type on the left, *OsHis1.1* promoter-GUS transgenic rice in the middle and *OsHis1.1*-OE transgenic rice on the right). (b) Detection of *OsHis1.1* promoter-GUS transgenic rice (primer: OsH1.1-GUS-F and GUS-R). (c) Detection of *OsHis1.1*-OE transgenic rice (primer:35S and OsH1.1-Z-R)

Table S1. Cloning and detection primers

Primers	Sequence
<i>OsH1.1</i> -OE-F	5'-tggagaggacagcccaagcttATGCCTGCCATGGCCAAG-3'
<i>OsH1.1</i> -OE-R	5'-gtaccgaattcccggggatccTCAAGCTGCAGGTGCCTTG-3'
<i>OsH1.1</i> -GFP-F	5'-tggagaggacagcccaagcttATGCCTGCCATGGCCAAG-3'
<i>OsH1.1</i> -GFP-R	5'-ctcaccatgaccggtggatccGCTGCAGGTGCCTTGCGG-3'
<i>OsH1.1</i> -GUS-F	5'-gacctgcaggcatgcaagcttATCCTACGTCGAGCCATCCTC-3'
<i>OsH1.1</i> -GUS-R	5'-ttaccctcagatctaccatggCGCAACTTCGCAAGCAGAC-3'
<i>OssHSP24.1</i> -F	5'-TGCTCAAGGTGGTCGTGCCC-3'
<i>OssHSP24.1</i> -R	5'-CCAAAACCTTTATCTCCATAACTT-3'
<i>OsHSP26</i> -F	5'-CCTCGTGGACCCGATGTC-3'
<i>OsHSP26</i> -R	5'-CACCATCACCTTCACCTCCT-3'
<i>OsHSP101</i> -F	5'-GGAGGAGTACCGCAAGTACG-3'
<i>OsHSP101</i> -R	5'-GAGGTCGATCGCTTTGTCAG-3'
<i>OsCBF1</i> -F	5'-GAGACCTTCGCCAACGATG-3'
<i>OsCBF1</i> -R	5'-CACCGGCAACACGTCCTT-3'
<i>OsCBF2</i> -F	5'-TACGGCAACATGGACTTCGA-3'
<i>OsCBF2</i> -R	5'-GCCCATCCCGTCGTCGTAGTAGTAG-3'
<i>OsCBF3</i> -F	5'-AGCGACCTGGCGTTTCG-3'
<i>OsCBF3</i> -R	5'-TCGCGTAGTACAGGTCCCA-3'
<i>OsTPP1</i> -F	5'-CCTTCAGCAAATCATGAGCA-3'
<i>OsTPP1</i> -R	5'-AGCCTCCAGCACTTCGTTTA-3'
<i>OsUBQ5</i> -F	5'-ACCACTTCGACCGCCACTACT-3'
<i>OsUBQ5</i> -R	5'-ACGCCTAAGCCTGCTGGTT-3'
<i>OsH1.1</i> -Z-R	5'-gtaccgaattcccggggatccTCAAGCTGCAGGTGCCTTG-3'
35S	5'-CGCACAATCCCACTATCCTTCG-3'
<i>OsH1.1</i> -GUS-F	5'-gacctgcaggcatgcaagcttATCCTACGTCGAGCCATCCTC-3'
GUS-R	5'-CTTCCTCATCCACGACCG-3'