

1 2 3 4 5 6
 C A C G G T G A G T C A T G C C G A G A T C A T
 7 8 9 10 11 12
 A C T C A T C T G A T A T A C A T G C T T A C A
 13 14 15 16 17 18 19
 G C T C A C A A G A C A T T A C A A A C A A C T
 20 21 22 23
 C A T A T T G C A T T A C A A A G A T C G T T T
 24 25 26 27
 C A T G A A A A T A A A A T A G G C C G G A C
 28 29 30 31
 A G G A C A A A A A T C C T T G A C G T G T A A
 32 33 34
 A G T A A A T T T A C A A C A A A A A A A G C
 35 36 37 38 39
 C A T A T G T C A A G C T A A A T C T A A T T C
 40 41 42 43 44
 G T T T T A C G T A G A T C A A C A A C C T G T
 45 46 47 48 49 50
 A G A A G G C A A C A A A A C T G A G C C A C G
 51 52 53 54
 C A G A A G T A C A G A A T G A T T C C A G A T
 55 56 57 58 59 60
 G A A C C A T C G A C G T G C T A C G T A A A G
 61 62 63
 A G A G T G A C G A G T C A T A T A C A T T T G
 64 65 66 67 68 69 70
 G C A A G A A A C C A T G A A G C T G C C T A C
 71 72 73 74 75 76
 A G C C G T C T C G G T G G C A T A A G A A C A
 77 78
 C A A G A A A T T G T G T T A A T T A A T C A A
 79 80 81 82 83 84 85
 A G C T A T A A A T A A C G C T C G C A T G C C
 86 87 88 89 90
 T G T G C A C T T C T C C **A** (Transcription Start Site)

Figure S3 Cytosines in the 27-kDa γ -zein promoter. The 421-bp fragment immediately upstream of the transcription start site contains 90 cytosines, covering the P-box, O2-like box and TATA box. P-box, “ACGT” core motif and TATA box are shaded. The cytosine positions indicated in Figs. 4a and S6d are numbered in the sequence.