```
ZM27   --AAAAATAA-AATAGGCCGGACAG--GACAAAAATCCTTGACGTGTAAAGTAAATTTAC -267
SB27   GTAAAAACAA-AGTAGGCCGGAGAGAGGACAATAATCCTTGACGTGTAAAGTGAATTTAC -250
ZM16   --AAAAGCAAGAGTAGGACGGAGAG--GAAAATAATCCTTGACG---------ACGTGC -183
         ****   ** * **** **** **   ** ** **********       *   * *

ZM27   AACAAAAAAAAGCCATATGTCAAGCTAAATCTAATTCGTTTTACGTAGAT--CAACAACC -209
SB27   AA--------AGCCATATATCAATTTATATCTAATTCGTTTCATGTAGATATCAACAACC -198
ZM16   A------------CATGAGCCA-------------------------------------- -173
       *             ***      **

ZM27   TGTAGAAGGCAACAAAACTGAGCCACGCAGAAGTACAGAATGATTCCAGATGAACCATCG -149
SB27   TGTAAAAGGCAACAAA-TTGAGCCACGCAAAATTACA-AGTGAGTCCAAATAAACCCTC- -141
ZM16   ---------------------CACGCAAGAGTACTGAATAAATCCAGATGAACCCTCC -136
                         ******   * ***   * * * **** ** **** **

ZM27   ACGTGCTACGTAAAGA-GAGTGACGAGTCATATACATTTGGCAAGAAACCATGAAGCTGC -90
SB27   ACATGCTACATAAAAGTGAATGATGAGTCATGTATATCTGGCAAGAAACTGTAGA---AG -84
ZM16   AAAAG-TGAATGAGAT-GAGTCATG-----TATACATTTGGCAAGAAACCGTAGA---AG -86
       *   * *   * *     ** * *      * ** ** **********   *   *

ZM27   CTACAGCCGTCTCGGTGGCATAAGAACACAAGAAATTGTGTTAATTAATCAAAGCTATAA -30
SB27   CTACAGTCATC--GGTAGCAAAGAAACACAAGAAAATGTGCTAATAA----AAGCTATAA -30
ZM16   CTACCGCCATC--GATTTCATCATAGAAGAAGAAATTGTGGTAATCGG--AAAGCTATAA -30
       **** * * **   * *   **      *   * ****** **** ****       *********
                                          +1 Transcription Start
ZM27   ATAACGCTCGCATGCCTGTGCACTTCTCCATCACCACCACTGGGTCT---TCAGACCATT 28
SB27   ATAACCCTCGTACGCCTATGCACATCTCCATCACCACCACTGGTCTTCATTCAGCCTATT 31
ZM16   ATAACCGTCGTATGCCTATGCACTTCTCCACCACCACCACTGGACGTCAGCCTAGCAATT 31
```

Figure S2 Alignment of the 27- and 16-kDa γ-zein and 27-kDa γ-kafirin promoters.