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87-1 ATCTCTCCATCTTCGTCCACCCCATACCGCGCGCCCGCCGCTTTTATACCTGCATATGCACAAAAGCTAGCTATGGCGTGCTAGGAGTACTACTACTTTGGC 100
Zong3 ATCTCTCCATCTTCGTCCACCCCATACCGCGCGCCCGCCGCTTTTATACCTGCATATGCACAAAAGCTAGCTATGGCGTGCTAGGAGTACTACTACTTTGGC

87-1 AACTGCCAGCAGGAGGCAGCAGCAGGGCTGGCATGTATATCAAGGGCGCTTTAATGCCAGCAGGGGAAGAAATCGCTGCGCGTACAGGCTCAATGTTAGC 200
Zong3 AACTGCCAGCAGGAGGCAGCAGCAGGGCTGGCATGTATATCAAGGGCGCTTTAATGCCAGCAGGGGAAGAAATCGCTGCGCGTACAGGCTCAATGTTAGC

87-1 CTGTGCGTTCTTGTGTGTGCGGCTGACACGTGGACCACTCTCCGAAGCCAGCTAGCTAGTAGCGAACATTTTTTTTTTTTGTAGGCGTATTGCAAA 300
Zong3 CTGTGCGTTCTTGTGTGTGCGGCTGACACGTGGACCACTCTCCGAAGCCAGCTAGCTAGTAGCGAACATTTTTTTTTTTTGTAGGCGTATTGCAAA

87-1 TGGCGACAAGTGTACTAGAGTATATTATACTACTAGAGGGGAGGGGGGCAGAAACATAAATAGGAATAGTAGTCTTTTTTGTGCTATACAGACAT 400
Zong3 TGGCGACAAGTGTACTAGAGTATATTATACTACTAGAGGGGAGGGGGGCAGAAACATAAATAGGAATAGTAGTCTTTTTTGTGCTATACAGACAT

87-1 AAATACGTGCAGTGGTGTGAGTGGACGCTCCATTATCCCTGGATGGATGGATCGGACTTTGTGAGTGCACAACAGCCACATGCTGAATTGTACACACATG 500
Zong3 AAATACGTGCAGTGGTGTGAGTGGACGCTCCATTATCCCTGGATGGATGGATCGGACTTTGTGAGTGCACAACAGCCACATGCTGAATTGTACACACATG

87-1 CATGTGTGTGCCGTGTGGCGGAGATGAACAATGAGTAGTGAATTCGTCTCTCGGATCGATTAGGCCGGCGAAGCGAAGATCGACGGAGATACTAATCGGT 600
Zong3 CATGTGTGTGCCGTGTGGCGGAGATGAACAATGAGTAGTGAATTCGTCTCTCGGATCGATTAGGCCGGCGAAGCGAAGATCGACGGAGATACTAATCGGT

87-1 TGTATGTAGCGCGCTCGTGCATCAGCAGCGCGGGAATGACTGAGTGAAGCATGATGACACCATGCACATATCGCCGTCTGAGCTACCCGCGCCTAACA 700
Zong3 TGTATGTAGCGCGCTCGTGCATCAGCAGCGCGGGAATGACTGAGTGAAGCATGATGACACCATGCACATATCGCCGTCTGAGCTACCCGCGCCTAACA

87-1 AAGCCTGCCACCTGGCTTCGGCACACTACCCAAAGAAAAGTCTCTCTCTTTCCTCTCTCTAGCTAGCCCCGATCTGGCCCTCTCTCTCACGCGCTCA 800
Zong3 AAGCCTGCCACCTGGCTTCGGCACACTACCCAAAGAAAAGTCTCTCTCTTTCCTCTCTCTAGCTAGCCCCGATCTGGCCCTCTCTCTCACGCGCTCA

87-1 GAACTAGAAGGGCATCCGCAGAAAGTTGACCAAGTACAGCAGCGCGCAGCGCGGGCTCTCTCTGTTTATATAAGCCCCCTCTGCGCGCTCTCCAGCTTCTT 900
Zong3 GAACTAGAAGGGCATCCGCAGAAAGTTGACCAAGTACAGCAGCGCGCAGCGCGGGCTCTCTCTGTTTATATAAGCCCCCTCTGCGCGCTCTCCAGCTTCTT

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**Additional file 8. Comparison of the *ZmNAC1* promoter between 87-1 and Zong3**

This figure shows that no large variation exists in the 1 kB region of the *ZmNAC1* promoter between two inbred lines, with the exception of one SNP.