

> At1g53-ZF_Left
GAAAAAAA**TCTAGA**CCCGGGGAGCGCCCTTCCAGTGTGCGATTTGCATGCGGAACTTTTCGAAACATTCTAACTTGACCCGTCATACCC
GTACTCATACCGGTGAAAAACCGTTTCAGTGTGCGATCTGTATGCGAAATTTCTCCCAGCGTTCTGACTTGACCCGTCATCTACGTACGC
ACACCGGCGAGAAGCCATTCCAATGCCGAATATGCATGCGCAACTTCAGTCGTCCAGACGCATTGCCACGTACCTAAAAACCCACCTG
AGGG**GATCCA**AAGAAGGA

> At1g53-ZF_right
GAAAAAAA**TCTAGA**CCCGGGGAGCGCCCTTCCAGTGTGCGATTTGCATGCGGAACTTTTCGAGCAGTCTTCTTTGTTGCGTCATACCC
GTACTCATACCGGTGAAAAACCGTTTCAGTGTGCGATCTGTATGCGAAATTTCTCCCAGCGTTCTGACTTGACCCGTCATCTACGTACGC
ACACCGGCGAGAAGCCATTCCAATGCCGAATATGCATGCGCAACTTCAGTCAGCGTGGTAACTTGAACATGCACCTAAAAACCCACCTG
AGGG**GATCCA**AAGAAGGA

> At1g70-ZF_left
GAAAAAAA**TCTAGA**CCCGGGGAGCGCCCTTCCAGTGTGCGATTTGCATGCGGAACTTTTCGATGAAAAACACCTTGACCCGTCATACC
CGTACTCATACCGGTGAAAAACCGTTTCAGTGTGCGATCTGTATGCGAAATTTCTCCCAGCGTTCTGACTTGACCCGTCATCTACGTACGC
CACACCGGCGAGAAGCCATTCCAATGCCGAATATGCATGCGCAACTTCAGTCAGCGTGGTAACTTGAACATGCACCTAAAAACCCACCT
GAGG**GATCCA**AAGAAGGA

> At1g70-ZF_right
GAAAAAAA**TCTAGA**CCCGGGGAGCGCCCTTCCAGTGTGCGATTTGCATGCGGAACTTTTCGAGCCATCTAACTTGATTGTCATACCC
GTACTCATACCGGTGAAAAACCGTTTCAGTGTGCGATCTGTATGCGAAATTTCTCCCAGTACCGACACCTTGGCAGTCATCTACGTACGC
ACACCGGCGAGAAGCCATTCCAATGCCGAATATGCATGCGCAACTTCAGTCAGGGTGGTGCATTGCAGCGTCACCTAAAAACCCACCTG
AGGG**GATCCA**AAGAAGGA

> At4g16-ZF_left
GAAAAAAA**TCTAGA**CCCGGGGAGCGCCCTTCCAGTGTGCGATTTGCATGCGGAACTTTTCGAGGCATCTAACTTGACCCGTCATACC
CGTACTCATACCGGTGAAAAACCGTTTCAGTGTGCGATCTGTATGCGAAATTTCTCCCAGCAGACCAACTTGACCCGTCATCTACGTACGC
CACACCGGCGAGAAGCCATTCCAATGCCGAATATGCATGCGCAACTTCAGTCAGACCAACAACCTTGAACCGTCACCTAAAAACCCACCT
GAGG**GATCCA**AAGAAGGA

> At4g16-ZF_right
GAAAAAAA**TCTAGA**CCCGGGGAGCGCCCTTCCAGTGTGCGATTTGCATGCGGAACTTTTCGAGACAACGCACATTTGGCAGTCATACC
CGTACTCATACCGGTGAAAAACCGTTTCAGTGTGCGATCTGTATGCGAAATTTCTCCGACTCTTCTGTTTTGCGTCGTCATCTACGTACGC
ACACCGGCGAGAAGCCATTCCAATGCCGAATATGCATGCGCAACTTCAGTCAGTCTACCTTTTGCAGCGTCACCTAAAAACCCACCTGA
GGG**GATCCA**AAGAAGGA

> At3g21-ZF_left
GAAAAAAA**TCTAGA**CCCGGGGAGCGCCCTTCCAGTGTGCGATTTGCATGCGGAACTTTTCGAAACGTCAGCATTTGGAATATCATACCC
GTACTCATACCGGTGAAAAACCGTTTCAGTGTGCGATCTGTATGCGAAATTTCTCCCAGCGTTCTGACTTGACCCGTCATCTACGTACGC
ACACCGGCGAGAAGCCATTCCAATGCCGAATATGCATGCGCAACTTCAGTCATGGTCATCGTTTGAACCCACCTAAAAACCCACCTGA
GGG**GATCCA**AAGAAGGA

> At3g21-ZF_right
GAAAAAAA**TCTAGA**CCCGGGGAGCGCCCTTCCAGTGTGCGATTTGCATGCGGAACTTTTCGTTGCGTACCTCTTTGGTTGTCATACCC
GTACTCATACCGGTGAAAAACCGTTTCAGTGTGCGATCTGTATGCGAAATTTCTCCGACTCTTCTGTTTTGCGTCGTCATCTACGTACGCA
CACCGGCGAGAAGCCATTCCAATGCCGAATATGCATGCGCAACTTCAGTTTGTCTACCAACTTGACCCGTCACCTAAAAACCCACCTGAG
GGG**GATCCA**AAGAAGGA

> At5g01-ZF_left
GAAAAAAA**TCTAGA**CCCGGGGAGCGCCCTTCCAGTGTGCGATTTGCATGCGGAACTTTTCGCGTCCATCTAAATTGGTTTTGCATACCC
GTACTCATACCGGTGAAAAACCGTTTCAGTGTGCGATCTGTATGCGAAATTTCTCCTTGAAAGAACATTTGACCCGTCATCTACGTACGCA
CACCGGCGAGAAGCCATTCCAATGCCGAATATGCATGCGCAACTTCAGTCAGTCTCAGCATTTGGTTGTCACCTAAAAACCCACCTGAG
GGG**GATCCA**AAGAAGGA

> At5g01-ZF_right
GAAAAAAA**TCTAGA**CCCGGGGAGCGCCCTTCCAGTGTGCGATTTGCATGCGGAACTTTTCGAGGCATCTAACTTGACCCGTCATACC
CGTACTCATACCGGTGAAAAACCGTTTCAGTGTGCGATCTGTATGCGAAATTTCTCCCAGCAGACCAACTTGACCCGTCATCTACGTACGC
CACACCGGCGAGAAGCCATTCCAATGCCGAATATGCATGCGCAACTTCAGTAAAAACGTTTCTTTGACCCATCACCTAAAAACCCACCTG
AGGG**GATCCA**AAGAAGGA

Figure S1 DNA sequences for zinc finger arrays. DNA sequences for ten zinc finger arrays of five pairs of ZFNs are shown. The restriction enzyme sites (XbaI and BamHI) for subcloning of the zinc finger arrays into expression vectors are marked in red and blue, respectively.