

Shim et al. Supplemental Figure 4

Sequence of *xbp-1* genomic DNA and cDNA

| | | |
|--------------------------|---|-----|
| genomic | ATGGCTCCCAAGCGTGCACCTTCCAACAGAACAAAGTTGTCGCACAACCTTCTTGGCGATGATATGGGACCATCTGGGCCACG | 80 |
| cDNA | ATGGCTCCCAAGCGTGCACCTTCCAACAGAACAAAGTTGTCGCACAACCTTCTTGGCGATGATATGGGACCATCTGGGCCACG | 80 |
| genomic | CAAAAGAGAACGACTGAATCATTGAGTCAGGAGGAGAAAATGGATCGTCGAAACTTAAAAATCGAGTCGCAGCCCCAAA | 160 |
| cDNA | CAAAAGAGAACGCTGTAATCATTGAGTCAGGAGGAGAAAATGGATCGTCGAAACTTAAAAATCGAGTCGCAGCCCCAAA | 160 |
| Intron 1 | | |
| genomic | ATGCTAGAGACAAAAAGAAGGTTAGTGTGAATGTTTATCGAACCCCTGAAAATAAGTTTAAATCTTGTAGAAAAGATCAG | 240 |
| cDNA | ATGCTAGAGACAAAAAGAAG-----GAAAGATCAG | 190 |
| genomic | CAAAGATCGAGGATGTGATGCGCGATCTGGTGGAGGAGAACCGCCGGCTCCGCGCTGAAAACGAACGCTTCCGCGTCAA | 320 |
| cDNA | CAAAGATCGAGGATGTGATGCGCGATCTGGTGGAGGAGAACCGCCGGCTCCGCGCTGAAAACGAACGCTTCCGCGTCAA | 270 |
| genomic | AATAAAAACTTTATGAACCAGCAGAACGAGTCCGTCATGTATATGGAAGAGAACAACGAAAACCTTGATGAACAGCAATGA | 400 |
| cDNA | AATAAAAACTTTATGAACCAGCAGAACGAGTCCGTCATGTATATGGAAGAGAACAACGAAAACCTTGATGAACAGCAATGA | 350 |
| genomic | TGCATGCATCTACCAGAACGTCGCTACGAAGAAGAAGTCGTCGGTGAGGTTGCACCAGTTGTCGTCGTCGGAGGAGAGG | 480 |
| cDNA | TGCATGCATCTACCAGAACGTCGCTACGAAGAAGAAGTCGTCGGTGAGGTTGCACCAGTTGTCGTCGTCGGAGGAGAGG | 430 |
| Regulatory Intron | | |
| genomic | ATCGCCGTGCCTTTGAATCAGCAGCATTCAATTAATGAGCCTCAGCAGTGGGAACAGGCCCGATCCACCTCCATCAACAAC | 560 |
| cDNA | ATCGCCGTGCCTTTGAATCAG-----CAGTGGGAACAGGCCCGATCCACCTCCATCAACAAC | 490 |
| genomic | AACATCAGCAACCAACTCCGTCGTATGGATTCCAAGAAGAACACACAATCAGTGTGGATATGTATCTAACTATCATCTC | 640 |
| cDNA | AACATCAGCAACCAACTCCGTCGTATGGATTCCAAGAAGAACACACAATCAGTGTGGATATGTATCTAACTATCATCTC | 570 |
| genomic | GATTCTATGCAACCACATGGATCGCAACAAGAAGATGGACACCTCGAACAAATCCTCGAACATCTCAAGGTAAGATAATT | 720 |
| cDNA | GATTCTATGCAACCACATGGATCGCAACAAGAAGATGGACACCTCGAACAAATCCTCGAACATCTCAAG----- | 639 |
| Intron 2 | | |
| genomic | AGAAACTTCCTAATGTTTATGTATTAACCTCATAAAATTTCCAGAGCCCAAGCGGAGAGTTCGATCGATTCTGCTGGCT | 800 |
| cDNA | -----AGCCCAAGCGGAGAGTTCGATCGATTCTGCTGGCT | 676 |
| genomic | ACATTGAGGAAGGAGCAGACGGTTATGACGCGTCTTGTTCAGCGGATCCATGTACACATCTTCAGAAACCGGTGAAACA | 880 |
| cDNA | ACATTGAGGAAGGAGCAGACGGTTATGACGCGTCTTGTTCAGCGGATCCATGTACACATCTTCAGAAACCGGTGAAACA | 756 |
| genomic | CTTTCGCCGAATCCCTAG | 899 |
| cDNA | CTTTCGCCGAATCCCTAG | 775 |