

Title	Translational autoregulation of BZW1 and BZW2 expression by modulating the stringency of start codon selection
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S2 Fig.

A. *Homo sapiens* BZW1

AGGAGACACCGCCGCAGTTGCCGGTACATCGGGGATTTCTGGCTCTTTCTCTTCGCCTTAAATTCGGGTGTCTTT
ATGAATAATCAAAAGCAGCAAAAGCCAACGCTATCAGGCCAGCGTTTTTAAACTAGAAAAAGAGATCAAAAAGAGAG
GTTTGACCCTACTCAGTTTCAAGACTGTATTATTCAAGGCTTAACTGAAACCGGTACTGATTTGGAAGCAGTAGCTA
AGTTTCTTGATGCTTCTGGAGCAAACTTGATTACCGTCGATATGCAGAAACACTCTTTGACATTCTGGTGGCTGGT
GGAATGCTGGCCCCAGGTGGTACACTGGCAGATGACATGATGCGTACAGATGTCTGCGTGTGGCAGCCCAAGAAGA
TCTAGAGACCATGCAAGCATTGTCTCAGGTTTTTAACAAGTTAATCAGGCGCTACAAATACCTGGAGAAAGGTTTTG
AAGATGAAGTAAAAAGCTGCTGCTGTTCTTGAAGGGTTTTTCAGAGTCGGAGAGGAACAAGCTAGCTATGTTGACT
GGTGTCTTCTGGCTAATGGAACACTTAATGCATCCATTCTTAATAGCCTTTATAATGAAAATTTGGTTAAAGAAGG
AGTTTCAGCAGCTTTTGTGTGAAGCTCTTTAAATCATGGATAAATGAAAAAGATATCAATGCAGTAGCTGCAAGTC
TTCGGAAAGTCAGCATGGATAACAGACTGATGGAACCTTTTCTGCCAATAAGCAAAGTGTTGAACACTTCACAAAA
TATTTTACTGAGGCAGGCTTGAAGAGCTTTCAGAATATGTTTCGGAATCAGCAAACCATCGGAGCTCGTAAGGAGCT
CCAGAAAAGAAGCTTCAAGAACAGATGTCCCGTGGTGTCCATTTAAGGATATAATTTTATATGTCAAGGAGGAGATGA
AAAAAACAACATCCCAGAGCCAGTTGTCTATCGGAATAGTCTGGTCAAGTGTAATGAGCACTGTGGAATGGAACAAA
AAAGAGGAGCTTGTAGCAGAGCAAGCCATCAAGCACTTGAAGCAATACAGCCCTCTACTTGTGCCTTTACTACTCA
AGGTCAGTCTGAGCTGACTCTGTTACTGAAGATTGAGGAGTATTGCTATGACAACATTCAATTCATGAAAGCCTTCC
AGAAAATAGTGGTGCTTTTTTATAAAGCTGAAGTCCTGAGCGAGGAGCCCATTTTGAAGTGGTATAAAGATGCACAT
GTTGCAAAGGGGAAGAGTGTTTTCTTGAAGCAATGAAAAAGTTGTAGAATGGCTCAAAAATGCTGAAGAAGAATC
TGAATCTGAAGCTGAAGAAGGTGACTGAATTTTGAAGTACACCCTCAGTAAAGCAAACAGGAGTTGTAGATAAAAT
GTCATGTCTCATGTGCTCTGGTTCTTACATCTTCCCTACCTCCCTGTATCAAGCATGATATAAGGGCTTTTATGGCAA
ATTTTATTTTAACTGTTTCTATGGTTGCTGGAAATGTTGGGTTTAGTTTCTAAAACCATGTTTTAAGTAGCTACAGG
AGCTATAGATTTGAATCTAATGTTGCATTAGTCTTTTTCAGTTATCTTCTACCTCCTGTATTTTCTACTGTAATAATG
TAATTTAAGGCCTTCCACAATGAACAGTTCACTTTTATTCCCTGGGTTTTCTATAAACAGTTTTAAGGATATGATTTG
GTTAAAAAATAATTTGTTATAAAAATTTCTGTTTGCAAATTAAGTGGAAAAGTATCCAGAGTCTCAAAGGCAATGA
TTTGTGAGATAATATGGCATGCCCGGAGCCCTGTCTATCAATGAAAAACCCATATGTAATAATCGAATTCATTTAAC
ATGAATCTTGAGTACGTGGACCATTGCTTGCATGTTAACTTTTTGTTTTGTTTTGTTTTGTTTTGTTTTGCATTTTT
AACTCCAGATATCCTAAAGCTCAATTGTTTTGGTCTCTGGTTTTTCATCCTTAGAGAAGCCATGGAGAACAGACTTGAA
AAGTTTAGGAAATCATAATGTGGCAGAGGTGGTGGGAAGAAGAAAGTTGAGCTTTTTCCCTTGAGAAACTTCTGCA
TTTAGTTTCTATCTTCCAGGCAAAACAAATGGGTATTCTTTTTCATACAACCATTTTCAAATGAACCTTAGAAAAGT
CTTAACATTTAAGGTATTTTTATGCACAGAATACACTTAGATTGATAGGAAAGAAGCTCGTAATGGAGTTTGGAGTAAAG
AAAATGACTGATGTACTAAACCCAGTAAAAATTTGTTGAAAATGTTAAAGGTCAGCATGTTCTAATTGGGAATCTAGA
TATAGCTTAGATTTCTATTGGCTTAGAGTATTTGCTATAACAAATGAAGTGCAATGACAATTATATATTCCTACTC
GGTCATACTGGACTGGCTTCTGTTCTTAAATATACTCAGTAATGACTCAAGCCTCTGGCTATTAACATAACCCTAGTT
GCCGTTTTTTAATTGCCATGAGCCAAATACTTCTTGGTATAACAATTGATCCATTTATTTTAATGGCTGCCTTTTCAT
TTTCATCTTTTCTTGTGCTACCCATCTATGTATGTAGTCATTGGGGGAAAATGTAGCCACATTTTTTATGGGAAG
ACTTTGTGTTAAAAGTGAACATTTTGAAGGTTTTTAACTGGTGAAGTACAGCTGGAATAATGCCACCAGAGACTGAG
TGGAATCGCCCCTTTTGAAGGTGCCATTTATGAGCCAAAAGTTTGTCAATTTAAAAGTTCATTTTGGAGGAAATA
CATGTAATATAATTTGAAATAAAGGTATAGTAACCTTAAAAAGAACATTATAACTGATTGTTGTGAATGGGGTGAAT
TTGTTAAAATGAGTAACTTTGATAAAGTTTTTTCATGCACAGGCAAAATGTATTTCACTAGATTTCTACGTAGTGATCT
GCTTTTACTTTGTAATTTGTAGTTCTCAAAGACTTTTTTTTTAAAAAATAAAGTCCATACTTACACTTAAAAA
AAAAA

B. *Homo sapiens* BZW2

CTTCACTCCTCCATTGTCTGCCGCCACTGCTGCTGCTGCTGCTGCCGCTGCTGCTGCACGAATCGCCGCAGCCC
CCAGCCTTGCAGTCGTCGCTACCTCCTCGGACAGAAATTTTATGAATAAGCATCAGAAGCCAGTGCTAACAGGCCA
GCGGTTCAAAGTTCGGAAAAGGGATCAAAAAGAGAAATTCGAACCCACAGTCTTCAGGGATACACTTGTCCAGGGGC

TTAATGAGGCTGGTGATGACCTTGAAGCTGTAGCCAAATTTCTGGACTCTACAGGCTCAAGATTAGATTATCGTCGC
TATGCAGACACACTCTTCGATATCCTGGTGGCTGGCAGTATGCTTGCCCCCTGGAGGAACGCGCATAGATGATGGTGA
CAAGACCAAGATGACCAACCACTGTGTGTTTTTCAGCAAATGAAGATCATGAAACCATCCGAAACTATGCTCAGGTCT
TCAATAAACTCATCAGGAGATATAAGTATTTGGAGAAGGCATTTGAAGATGAAATGAAAAAGCTTCTCCTCTTCCTT
AAAGCCTTTTCCGAAACAGAGCAGACAAAGTTGGCGATGCTGTCTGGGGATTCTGCTGGGCAATGGCACCCCTGCCCGC
CACCATCCTCACCAGTCTCTTCACCGACAGCTTAGTCAAAGAAGGCATTGCGGCCTCATTTGCTGTCAAGCTTTTCA
AAGCATGGATGGCAGAAAAAGATGCCAACTCTGTTACCTCGTCTTTGAGAAAAGCCAACTTAGACAAGAGGCTGCTT
GAACTCTTTCCAGTTAACAGACAGAGTGTGGATCATTTTGCTAAATACTTCACTGACGCAGGTCTTAAGGAGCTTTC
CGACTTCCTCCGAGTCCAGCAGTCCCTGGGCACCAGGAAGGAAGTGCAGAAGGAGCTCCAGGAGCGTCTTTCTCAGG
AATGCCCGATCAAGGAGGTGGTGCCTTATGTCAAAGAAGAAATGAAGAGGAATGATCTTCCAGAAACAGCAGTGATT
GGTCTTCTGTGGACATGTATAATGAACGCTGTTGAGTGAACAAGAAGGAAGAAGTGTGTCAGAGCAGGCTCTGAA
GCACCTGAAGCAATATGCTCCCCTGCTGGCCGTGTTTCAGCTCCCAAGGCCAGTCAGAGCTGATCCTCCTCCAGAAGG
TTCAGGAATACTGCTACGACAACATCCATTTTCATGAAAGCCTTTTCAGAAGATTGTGGTTCTCTTTTATAAAGCTGAT
GTTCTGAGCGAAGAAGCAATACTGAAATGGTATAAGGAAGCACATGTTGCTAAAGGCAAAAGTGTTTTTCTTGACCA
GATGAAGAAATTTGTTGAGTGGTTACAAAATGCAGAAGAAGAATCCGAATCGGAAGGTGAGGAAAATTAATGGCTC
AACAAGCACAATACCTAGGTTACCACACACCCTTTTTGATTGGGAATGCTGAACCATTTGAGAAGAGAAAAGTGGC
TTCTGTTTTTCGCAAAGGAAAAAAAAAATAGGATAGGCTTCCCTTGTGCAGAGGGAGAAAATGGTTTTGTTTTGTTTT
GTTTTTAAATGGAGCCCTGAGGCATCAGCTATTATACTTGGGACTCTACCTCTCACTCACTATATGCTAACTTAAAG
CCATTCAACAAGGAGTCAAGTAGATCTGAAATTAATACTCAACAGACTCCTCCTTTTTTAGCTGTATTTTTTCAGGT
ACTGTGTGGTGACCGCCCCACTGGTGTCTATTACAGGCCACTTTGGTAGTTGTGTATCTGCTCATGTATGTGATTTG
ACAAACCAGTTTTTTAAAATAAATGGCTTTTTTAAAAATCTGGGAAAAAAAAA