

| | |
|------------------------------------|--|
| Title | Translational autoregulation of BZW1 and BZW2 expression by modulating the stringency of start codon selection |
| Author(s) | Loughran, Gary; Firth, Andrew E.; Atkins, John F.; Ivanov, Ivaylo P. |
| Publication date | 2018-02 |
| Original citation | Loughran, G., Firth, A. E., Atkins, J. F. and Ivanov, I. P. (2018) 'Translational autoregulation of BZW1 and BZW2 expression by modulating the stringency of start codon selection', PLOS ONE, 13(2), e0192648 (13pp). doi:10.1371/journal.pone.0192648 |
| Type of publication | Article (peer-reviewed) |
| Link to publisher's version | http://dx.doi.org/10.1371/journal.pone.0192648 Access to the full text of the published version may require a subscription. |
| Rights | This is an open access article, free of all copyright, and may be freely reproduced, distributed, transmitted, modified, built upon, or otherwise used by anyone for any lawful purpose. The work is made available under the Creative Commons CC0 public domain dedication. https://creativecommons.org/publicdomain/zero/1.0/ |
| Item downloaded from | http://hdl.handle.net/10468/5719 |

Downloaded on 2019-03-22T00:26:10Z

S2 Fig.

A. *Homo sapiens* BZW1

AGGAGACACCGCCGCAGTTGCCGGTACATCGGGGATTTCTGGCTCTTTCTCTTCGCCTTAAATTCGGGTGTCTTT
ATGAATAATCAAAAGCAGCAAAAGCCAACGCTATCAGGCCAGCGTTTTAAACTAGAAAAAGAGATCAAAAAGAGAG
GTTTGACCCTACTCAGTTTCAAGACTGTATTATTCAAGGCTTAACTGAAACCGGTACTGATTTGGAAGCAGTAGCTA
AGTTTCTTGCTTCTGGAGCAAAACTTGATTACCGTCGATCTCAGAAACACTCTTTGACATTCTGGTGGCTGGT
GGAATGCTGGCCCCAGGTGGTACACTGGCAGATGACATGATGCGTACAGATGTCTGCGTGTTCAGCCCAAGAAGA
TCTAGAGACCATGCAAGCATTGCTCAGGTTTTTAACAAGTTAATCAGGCGCTACAAATACCTGGAGAAAGGTTTTG
AAGATGAAGTAAAAAGCTGCTGCTGTTCTTGAAGGGTTTTTCAGAGTCGGAGAGGAACAAGCTAGCTATGTTGACT
GGTGTTCCTTGGCTAATGGAACACTTAATGCATCCATTCTTAATAGCCTTTATAATGAAAATTTGGTTAAAGAAGG
AGTTTCAGCAGCTTTTGTGTGAAGCTCTTTAAATCATGGATAAATGAAAAAGATATCAATGCAGTAGCTGCAAGTC
TTCGAAAGTCAGCATGGATAACAGACTGATGGAACCTTTTCTGCCAATAAGCAAAGTGTGAACTTTCACAAAA
TATTTTACTGAGGCAGGCTTGAAAGAGCTTTCAGAATATGTTTCGGAATCAGCAAACCATCGGAGCTCGTAAGGAGCT
CCAGAAAGAACTTCAAGAACAGATGTCCCGTGGTGTCCATTTAAGGATATAATTTTATATGTCAAGGAGGAGATGA
AAAAAACAACATCCCAGAGCCAGTTGTCATCGGAATAGTCTGGTCAAGTGTAATGAGCACTGTGGAATGGAACAAA
AAAGAGGAGCTTGTAGCAGAGCAAGCCATCAAGCACTTGAAGCAATACAGCCCTCTACTTGTGCCTTTACTACTCA
AGGTCAGTCTGAGCTGACTCTGTTACTGAAGATTGAGGAGTATTGCTATGACAACATTCATTTTCATGAAAGCCTTCC
AGAAAATAGTGGTGCTTTTTTATAAAGCTGAAGTCCTGAGCGAGGAGCCCATTTTGAAGTGGTATAAAGATGCACAT
GTTGCAAAGGGGAAGAGTGTTCCTTGAGCAAATGAAAAAGTTGTAGAATGGCTCAAAAATGCTGAAGAAGAATC
TGAATCTGAAGCTGAAGAAGGTGACTGAATTTTGAAGTACACCCTCAGTAAAGCAAACAGGAGTTGTAGATAAAAT
GTCATGTCTCATGTGCTGCTGTTTCTTACATCTTCCCTACCTCCCTGTATCAAGCATGATATAAGGGCTTTCATGGCAA
ATTTTATTTTAACTGTTTCTATGGTTGCTGGAATGTTGGGTTTAGTTTCTAAAACCATGTTTTAAGTAGCTACAGG
AGCTATAGATTTGAATCTAATGTTGCATTAGTCTTTTTCAGTTATCTTCTACCTCCTGTATTTTCTACTGTAATAATG
TAATTTAAGGCCCTTCCACAATGAACAGTTCACCTTTATCCCTGGGTTTTCTATAAACAGTTTTAAGGATATGATTTG
GTTAAAAAATAATTTGTTATAAAAATTCTGTTTGCAAATTAAGTGGAAAAGTATCCAGAGTCTCAAAGGCAATGA
TTTGTGAGATAATATGGCATGCCCGGAGCCCTGCTCATCAATGAAAAACCCATATGTAATAATCGAATTCATTTAAC
ATGAATCTTGAGTACGTGGACCATTGCTTGCATGTTAACTTTTTGTTTTGTTTTGTTTTGTTTTGTTTTGTTTTG
AACTCCAGATATCCTAAAGCTCAATTGTTTGGTCTCTGGTTTTTCATCCTTAGAGAAGCCATGGAGAACAGACTTGAA
AAGTTTAGGAAATCATAATGTGGCAGAGGTGGTGGGAAGAAGAAAGTTGAGCTTTTTCCCTTGAGAACTTCTGCA
TTTAGTTTCTATCTTTCCAGGCAAAACAAATGGGTATTCTTTTCATACAACCATTTTCAAATGAACCTTAGAAAAGT
CTTAACATTTAAGGTATTTTATGCACAGAATACACTTAGATTGATAGGAAAGAAGTTCGTAATGGAGTTTGGAGTAAAG
AAAATGACTGATGTACTAAACCCAGTAAAAATTGTTGAAAATGTTAAAGGTCAGCATGTTCTAATTGGGAATCTAGA
TATAGCTTAGATTTCTATTGGCTTAGAGTATTTGCTATAACAAATGAAGTGCAATGACAATTATATATTCCTACTC
GGTCATACTGGACTGGCTTTCGTTCTCTTAATATACTCAGTAATGACTCAAGCCTCTGGCTATTAACATAACCTAGTT
GCCGTTTTTTAATTGCCATGAGCCAAATACTTCTTGGTATACAATTGATCCATTTATTTTAAATGGCTGCCTTTTCAT
TTTCATCTTTTCTTGTGCTACCCATCTATGTATGTAGTCATTGGGGGGAAAATGTAGCCACATTTTTTATGGGAAG
ACTTTGTGTTAAAAGTGAACATTTTGAAGGTTTTTAACTGGTGAAGTACCTGGAATAATGCCACCAGAGACTGAG
TGGAATCGCCCCTTTTGAAGGTGCCATTCTTATGAGCCAAAAGTTTGTCAATTTAAAAGTTCATTTTGGAGGAATAA
CATGTAATATAATTTGAAATAAAGGTATAGTAACCTTAAAAAGAACATTATAACTGATTGTTGTGAATGGGGTGAAT
TTGTTAAAATGAGTAACTTTGATAAAGTTTTTTCATGCACAGGCAAAATGTATTCACTAGATTTCTACGTAGTGATCT
GCTTTTACTTTGTAATTTGTAGTTCTCAAAGACTTTTTTTTTAAAAAATAAAGTCCATACTTACACTTAAAAA
AAAAA

B. *Homo sapiens* BZW2

CTTCACTCCTCCATTGTCTGCCGCCACTGCTGCTGCTGCTGCTGCTGCCGCTGCTGCTGCACGAATCGCCGCAGCCC
CCAGCCTTGCAGCGTCGTCGCTACCTCCTCGGACAGAAATTTTATGAATAAGCATCAGAAGCCAGTGCTAACAGGCCA
GCGGTTCAAACCTCGGAAAAGGGATCAAAAAGAGAAATTCGAACCCACAGTCTTCAGGGATACACTTGTCCAGGGGC

TTAATGAGGCTGGTGATGACCTTGAAGCTGTAGCCAAATTTCTGGACTCTACAGGCTCAAGATTAGATTATCGTCGC
TATGCAGACACACTCTTCGATATCCTGGTGGCTGGCAGTATGCTTGCCCCCTGGAGGAACGCGCATAGATGATGGTGA
CAAGACCAAGATGACCAACCACTGTGTGTTTTTCAGCAAATGAAGATCATGAAACCATCCGAAACTATGCTCAGGTCT
TCAATAAACTCATCAGGAGATATAAGTATTTGGAGAAGGCATTTGAAGATGAAATGAAAAAGCTTCTCCTCTTCCTT
AAAGCCTTTTCCGAAACAGAGCAGACAAAGTTGGCGATGCTGTCTGGGGATTCTGCTGGGCAATGGCACCCCTGCCCGC
CACCATCCTCACCAGTCTCTTCACCGACAGCTTAGTCAAAGAAGGCATTGCGGCCTCATTTGCTGTCAAGCTTTTCA
AAGCATGGATGGCAGAAAAAGATGCCAACTCTGTTACCTCGTCTTTGAGAAAAGCCAACTTAGACAAGAGGCTGCTT
GAACTCTTTCCAGTTAACAGACAGAGTGTGGATCATTTTGCTAAATACTTCACTGACGCAGGTCTTAAGGAGCTTTC
CGACTTCCTCCGAGTCCAGCAGTCCCTGGGCACCAGGAAGGAAGTGCAGAAGGAGCTCCAGGAGCGTCTTTCTCAGG
AATGCCCGATCAAGGAGGTGGTGCCTTATGTCAAAGAAGAAATGAAGAGGAATGATCTTCCAGAAACAGCAGTGATT
GGTCTTCTGTGGACATGTATAATGAACGCTGTTGAGTGAACAAGAAGGAAGAAGTGTGTCAGAGCAGGCTCTGAA
GCACCTGAAGCAATATGCTCCCCTGCTGGCCGTGTTTTCAGCTCCCAAGGCCAGTCAGAGCTGATCCTCCTCCAGAAGG
TTCAGGAATACTGCTACGACAACATCCATTTTCATGAAAGCCTTTTCAGAAGATTGTGGTTCTCTTTTATAAAGCTGAT
GTTCTGAGCGAAGAAGCAATACTGAAATGGTATAAGGAAGCACATGTTGCTAAAGGCAAAAGTGTTTTTCTTGACCA
GATGAAGAAATTTGTTGAGTGGTTACAAAATGCAGAAGAAGAATCCGAATCGGAAGGTGAGGAAAATTAATGGCTC
AACAAGCACAATACCTAGGTTACCACACACCCTTTTTGATTGGGAATGCTGAACCATTTGAGAAGAGAAAATTTGGC
TTCTGTTTTTCGCAAAGGAAAAAAAAAATAGGATAGGCTTCCCTTGTGCAGAGGGAGAAAATGGTTTTGTTTTGTTTT
GTTTTTAAATGGAGCCCTGAGGCATCAGCTATTATACTTGGGACTCTACCTCTCACTCACTATATGCTAACTTAAAG
CCATTCAACAAGGAGTCAAGTAGATCTGAAATTAATACTCAACAGACTCCTCCTTTTTTTAGCTGTATTTTTTCAGGT
ACTGTGTGGTGACCGCCCCACTGGTGTCTATTACAGGCCACTTTGGTAGTTGTGTATCTGCTCATGTATGTGATTTG
ACAAACCAGTTTTTTAAAATAAATGGCTTTTTTAAAAATCTGGGAAAAAAAAA