

Aberystwyth University

Expression of FIHMA3, a P_{1B2}-ATPase from Festulolium loliaceum, correlates with response to cadmium stress

Guo, Qiang; Meng, Lin; Humphreys, Mike W.; Scullion, John; Mur, Luis A.J.

Published in:

Plant Physiology and Biochemistry

DOI:

[10.1016/j.plaphy.2017.01.013](https://doi.org/10.1016/j.plaphy.2017.01.013)

Publication date:

2017

Citation for published version (APA):

Guo, Q., Meng, L., Humphreys, M. W., Scullion, J., & Mur, L. A. J. (2017). Expression of FIHMA3, a P_{1B2}-ATPase from Festulolium loliaceum, correlates with response to cadmium stress. *Plant Physiology and Biochemistry*, 112, 270-277. <https://doi.org/10.1016/j.plaphy.2017.01.013>

Document License

CC BY

General rights

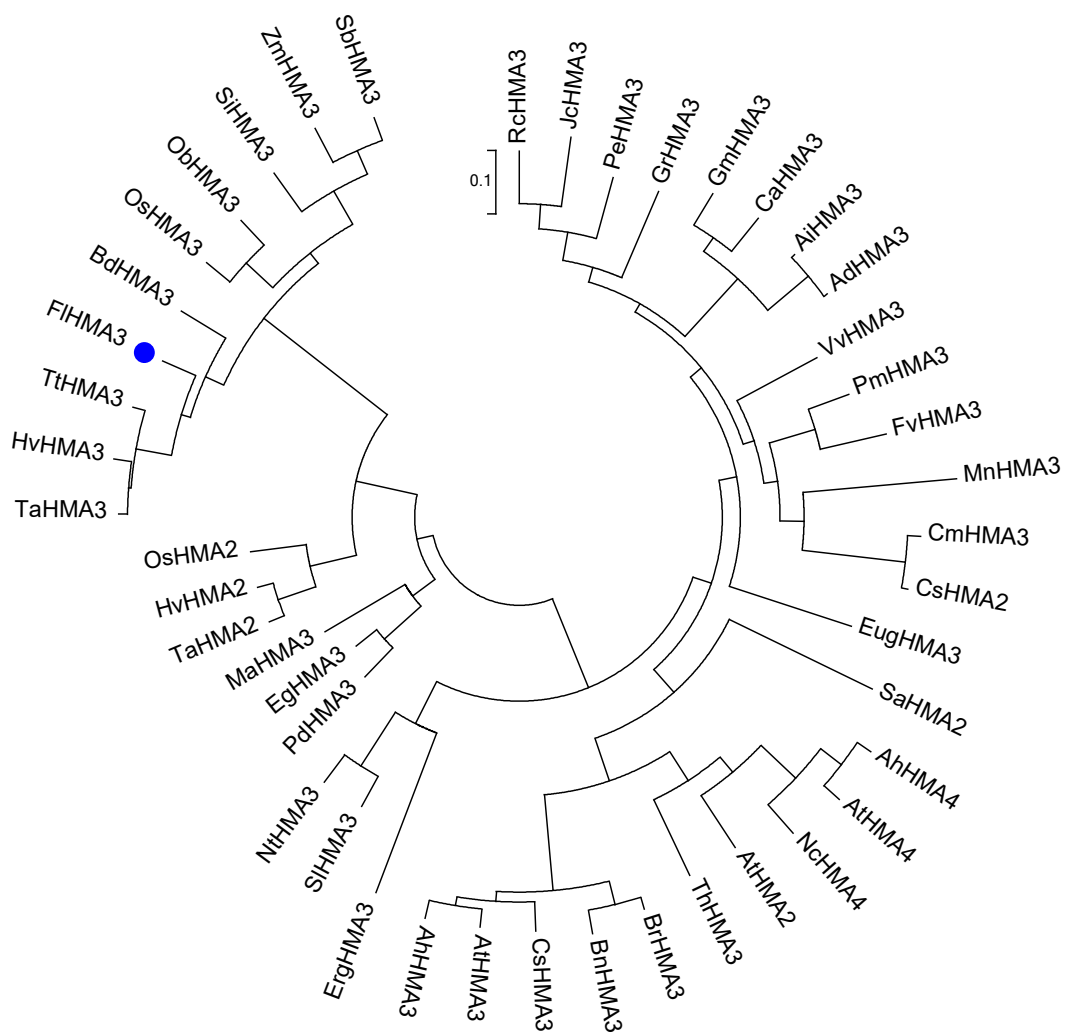
Copyright and moral rights for the publications made accessible in the Aberystwyth Research Portal (the Institutional Repository) are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the Aberystwyth Research Portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the Aberystwyth Research Portal

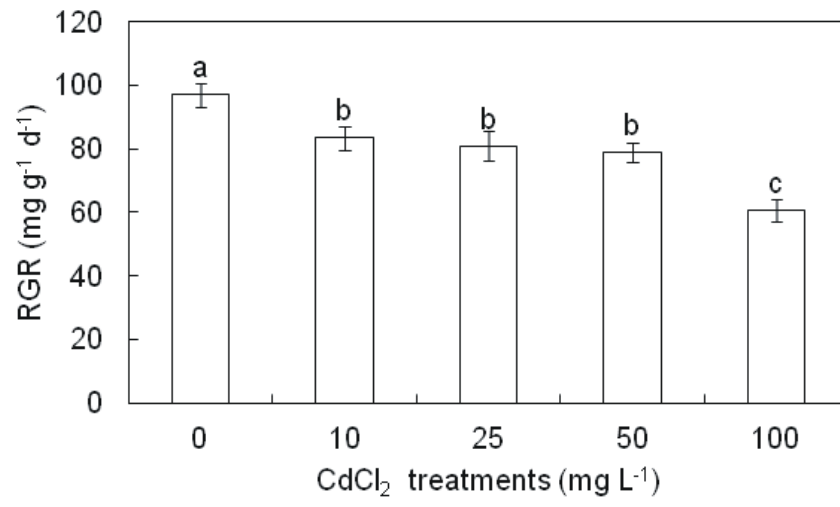
Take down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

tel: +44 1970 62 2400
email: is@aber.ac.uk



Supplementary Fig. 1



Supplementary Fig. 2

Supplementary Table 1

Primer sequences used in the experiments

| Primer | Sequence (5'-3') |
|--------|--------------------------------|
| P1 | ATCAACRTYCTSATGCTYATCGC |
| P2 | GGTGATSGTSCCGGTCTTGTCGA |
| P3 | GGTTACATTGCCGTGAGGACGAC |
| P4 | TCGACAAGACCGGCACCATCACC |
| P5 | GGGGAATTCATGACGGACGGTGGCGAGAAC |
| P6 | GGGGGTACCGTTTCACCAGAGCAGCATCCT |
| P7 | GCTCAACCTGGACGGTTACA |
| P8 | AACCATCGCTCCAGATCACC |
| A1 | TCGAGACTGCGAAGAGTAGC |
| A2 | TCCATGCCGATGATGGAAGG |