SUPPLEMENTARY APPENDIX

This appendix has been provided by the authors to give readers additional information about their work.

Supplement to:
**Genome-wide identification and analyses of the rice OsDUF936 family**

Lihua Li, Taozhi Ye, Ying Guan, Miaomiao Lv, Chen Xie, Jinghong Xu, Xiaoling Gao, Jianqing Zhu, Liangjun Cai and Zhengjun Xu

Biotechnol. Biotechnol. Equip. 2018, 32

**Supplemental data**

| Gene       | Primers for real-time PCR (5’-3’)                      |
|------------|--------------------------------------------------------|
| OsDUF936.1 | Forward: ATGGAGCAGAGGGAGCAAGC  
Reverse: TTAAGGGTTCTTGGCCTTTA |
| OsDUF936.2 | Forward: ATGGCATCTCTTACTCCAGG  
Reverse: TGCAGAACATATGCTACTTC |
| OsDUF936.3 | Forward: ATGGAAAATTCTAAGCCAAC  
Reverse: CTACCGCTGTCCCCGGCCG |
| OsDUF936.4 | Forward: ATGGCCGGCTGTACGGTAC  
Reverse: ATGGACGTGACGCTGACCT |
| OsDUF936.5 | Forward: ATGGCTTCGCTGGTACCCGG  
Reverse: TCAGACCTCTTCCCCGTTG |
| OsDUF936.6 | Forward: ATGGCTGGTACGGTACCCGG  
Reverse: CTTCTTCTTGCTGCTACCTT |
| OsDUF936.7 | Forward: ATGGCCACGGTACGGTACGG  
Reverse: GGAGATACCAGCCACCAACA |
| OsDUF936.8 | Forward: ATGGAGAGACCCAAGAAGCC  
Reverse: ATCTCAGCAGAAGAAGCTTC |
| OsDUF936.9 | Forward: ATGGCCACGGTACGGTACGG  
Reverse: CTTCTTCTTGCTGCTACCTT |
Table S2 Primers used to construct the expression vector pET32a-OsDUF936.

| Gene    | Primers for real-time PCR (5'-3')                      |
|---------|--------------------------------------------------------|
| OsDUF936.3 | Forward: 5'-GGATCCATGGAAAAATCTAAGCCAAC-3'          |
|         | Reverse: 5'-AAGCTTCTACCGCTGTCACCGCCGC-3'            |
| OsDUF936.5 | Forward: 5'-GGATCCATGGCTGTCGACCGCGC-3'            |
|         | Reverse: 5'-AAGCTTCTACCGCTGTCACCGCCGC-3'            |
| OsDUF936.6 | Forward: 5'-GGATCCATGGCGTGTACGTCGACCGCG-3'          |
|         | Reverse: 5'-AAGCTTCTACCGCTGTCACCGCCGC-3'            |

Figure S1 Prediction of the protein structure of OsDUF936 family members using the SMART database (http://smart.embl-heidelberg.de/smart/batch.pl).
Figure S2 Conservative structural analysis of rice OsDUF936 family. Moif 1, motif 2 and motif 3 were conserved motifs in rice OsDUF936 family obtained by MEME (A). Distribution of conserved motifs in OsDUF936 proteins identified by MEME software (B).
Figure S3 Growth curves of E. coli recombinants overexpressing OsDUF936.3 (A) and OsDUF936.5 (B) under salt conditions.

Note: The OD$_{600}$ values of E. coli recombinants transformed with pET-32a, pET32a-OsDUF936.3 and pET32a-OsDUF936.5 were measured at 0, 2, 4, 6, 8, 10, 12, 14, 16 and 18 h under normal conditions and 200 mmol/L NaCl treatment. Error bars indicate SEM based on three biological replicates.