

	← AP2 domain →
AtSHN1	MVQT-KKFRGVRQRHWGSWVAEIRHPLLKRRRWLGTTFETAEAAARAYDEAAVLMSGRNAKTNFFLNNTGET-SEGKTD
TaSHN1	MVQSKKKFRGVRQRHWGSWVSEIRHPLLKRRRWLGTTFETAEAAARAYDEAAILMSGRNAKTNFFVPR SANGEIIVA PAVA
OsSHN1	MVQPKKKFRGVRQRHWGSWVSEIRHPLLKRRRWLGTTFETAEAAARAYDEAAVLMSGRNAKTNFFVQRNSTGD--LATAAD
	← middle motif →
AtSHN1	ISASSTMSSTSSSS---LSSILSAKLRKCKSPSPSLTCLRLDTASSHIGVWQKRAGSKSDSSWMTVELGPASSSQE
TaSHN1	RDGRGGVGSSSSGAAGASSLSQILSAKLRKCKTTPSPSLTCLRLDTEKSHIGVWQKRAGARADSSWMTVELNKEPATAA
OsSHN1	QDARSNGGSRNSSAG---NLSQILSAKLRKCKAPSPSLTCLRLDPEKSHIGVWQKRAGARADSNWMTVELNKEVEPTE
	← C terminal motif →
AtSHN1	TTSKASQDAILAP---TTEVEIGGSREEVLDEEEKVALQMIEELLNTN
TaSHN1	AAPTPSDSTVSATPCSSSTSTSTGSPPEAMEDEERIALQMIEELLSRSSPASPSHGLLHGEEGSLVI
OsSHN1	PAAQP-----TSTATASQVTMDDEEKIALQMIEELLSRSSPASPSHG--EGE-GSFVI

Fig. 1 Suppl. The alignments of *Arabidopsis* (AtSHN1), wheat (TaSHN1), and rice (OsSHN1/OsWR1) transcription factor sequences at the amino acid level. The TaSHN1 sequence displays 58.1 and 72.8 % identity to the *Arabidopsis* and rice proteins, respectively.

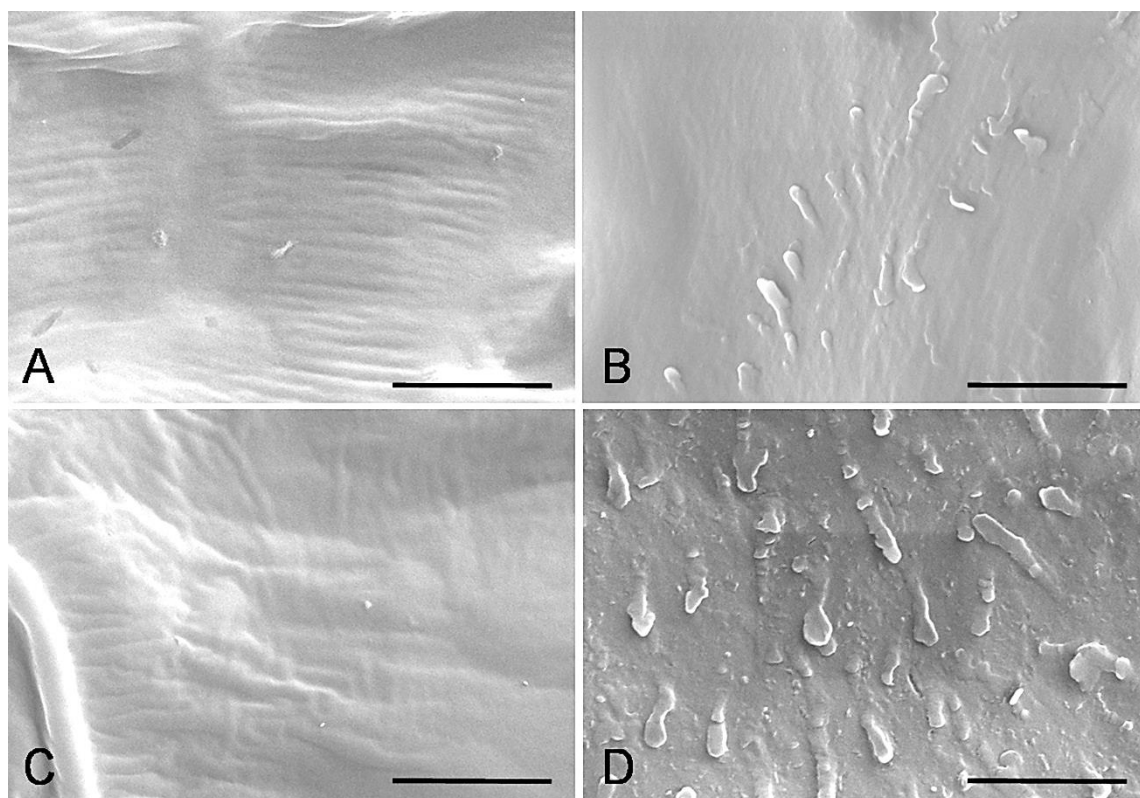


Fig. 2 Suppl. Scanning electron micrographs of abaxial (A,B) and adaxial (C,D) surfaces of wild type (A,C) and Col-*TaSHN1-4/2* (B,D) *A. thaliana* leaves. Note the lack of epicuticular wax depositions on wild type leaves, whereas Col-*TaSHN1-4/2* leaves carry platelet-like wax structures on both surfaces. The bars represent 5 μ m.

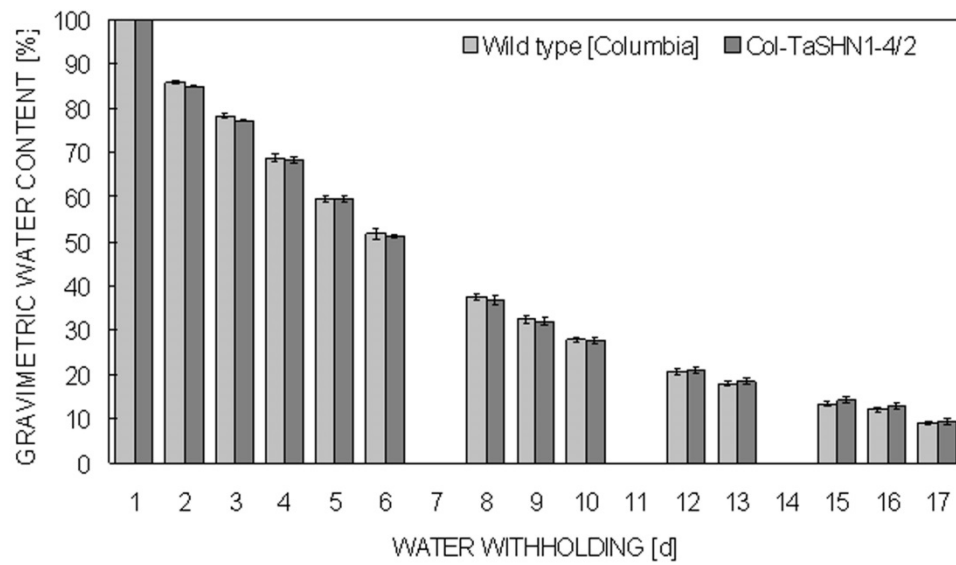


Fig. 3 Suppl. The gravimetric water content (GWC) of the soil in pots of *A. thaliana* wild-type and Col-*TaSHN1-4/2* plants during 17-d water withholding.



Fig. 4 Suppl. Wild type (A,C) and Col-*TaSHN1-4/2* *A. thaliana* plants (B,D) on the 10th day of total water withholding (A,B) and two days after re-irrigation (C,D).