



A PIP1 aquaporin contributes to hydrostatic pressure-induced water transport in both the root and rosette of *Arabidopsis*.

Olivier Postaire, Colette Tournaire, Alexandre Grondin, Yann Boursiac,
Raphaël Morillon, Anton R Schäffner, Christophe Maurel

► To cite this version:

Olivier Postaire, Colette Tournaire, Alexandre Grondin, Yann Boursiac, Raphaël Morillon, et al.. A PIP1 aquaporin contributes to hydrostatic pressure-induced water transport in both the root and rosette of *Arabidopsis*.. *Plant Physiology*, 2010, 152 (3), pp.1418-30. 10.1104/pp.109.145326 . hal-00508425

HAL Id: hal-00508425

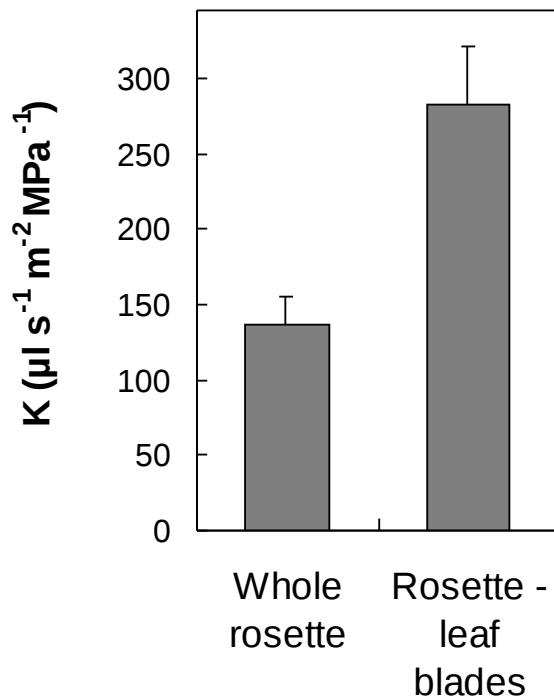
<https://hal.science/hal-00508425>

Submitted on 31 May 2020

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

SUPPLEMENTAL DATA:



Supplemental Figure 1. Hydrostatic hydraulic conductivity (K) of whole rosettes (whole rosette) or of rosettes with all leaf blades excised (rosette – leaf blades).

K was measured in rosettes excised during day time from plants grown under a normal photoperiodic regime. K was successively measured on whole rosettes and after excising all blades at their basis. Pooled data from two independent cultures ($n = 8$ plants). Values are mean \pm SE.