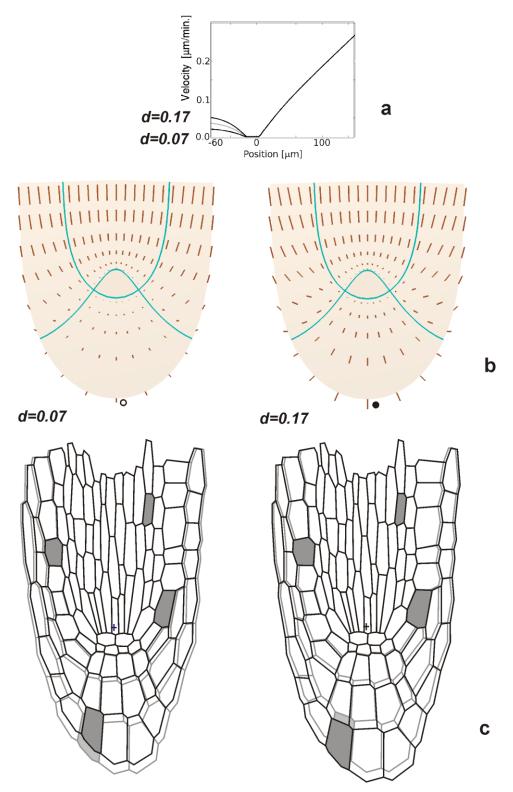
A method to determine the displacement velocity field in the apical region of the Arabidopsis root Jerzy Nakielski, Marcin Lipowczan

## Online Resource S2: Velocity field for the profile changed in part below QC



**a** Two velocity profiles for the root axis below QC defined by different values of the parameter d, in both the velocity above this zone is specified c=0,8; **b** V fields obtained for these profiles, values of the marked vectors in units of Fig.5a are: 0.018 µm min<sup>-1</sup> (open circle) and 0.054 µm min<sup>-1</sup> (closed circle); **c** the simulated cell expansion resulting from application of both fields, the results are comparable to final time-step of the sequence in Fig.6 redrawn in the background (grey).