

Supplementary Table 1. Basic characteristics of protoplasts isolated from different parts of the mature region of barley roots.

Tissue type	Mean diameter, μm	S.D.	Sample size	Number of isolations	Total number of protoplasts
Entire root	21.4	6.2	212	4	1400
Epidermis	14.2	5.1	352	4	900
Stele	16.7	4.2	50	4	50
Cortex	33.3	8.2	509	3	3100