

SUPPLEMENTARY DATA

TABLE. S1. Root lengths (mm) and sample numbers used for the methylene blue experiments to characterize patterns of radial oxygen loss, as described in Fig. 6.

		Hours after treatment							
		0	6	12	24	48	72	96	120
Short roots	Mean	73	68	82	82	81	88	82	119
	s.e.	2	6	2	5	4	7	3	5
	<i>n</i>	11	7	13	14	14	4	9	5
Long roots	Mean	120	135	132	142	159	145	140	143
	s.e.	5	6	3	7	5	8	5	11
	<i>n</i>	11	10	14	14	14	4	8	5

Short (65–90 mm) and long (105–130 mm) adventitious roots were used (lengths at commencement of treatment). Plants were raised for 3–4 weeks in aerated nutrient solution, prior to transfer to stagnant deoxygenated agar nutrient solution for 0, 6, 12, 24, 48, 72, 96 or 120 h. The samples in this table correspond to the roots in Fig. 6.