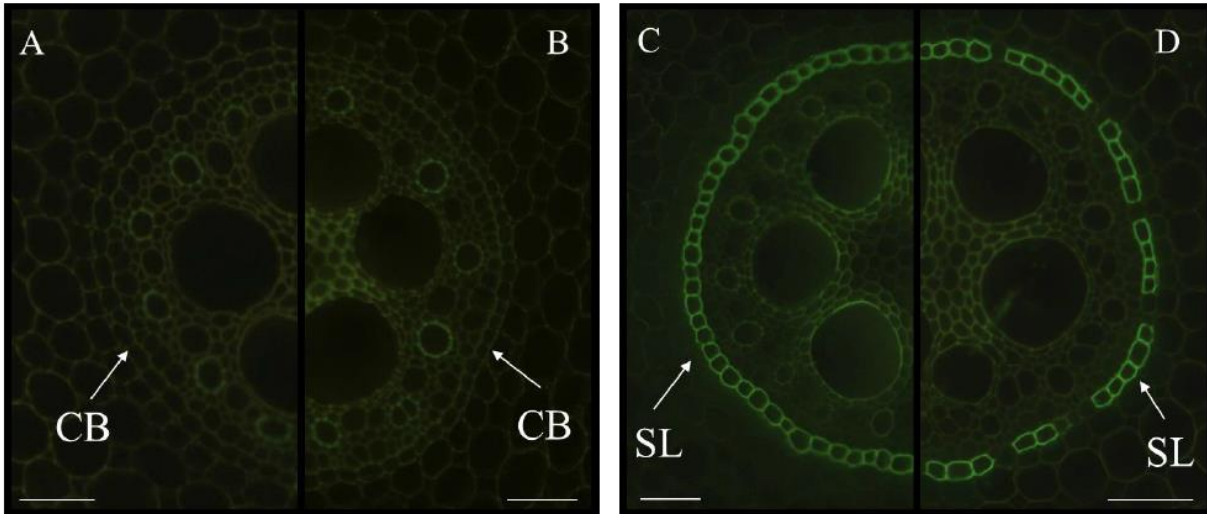


Supplementary 1. The effects of IBA on the root morphology of plants treated with Cd. Scale bar is 5 cm.



97 **Supplementary 2.** The development of the apoplastic barriers (Casparian bands (CB) and
98 suberin lamellae (SL) in endodermis) in the maize primary root in the four treatments: Control
99 (A), IBA (B), Cd (C), Cd+IBA (D). Cross-sections of the root were made at 50% distances
00 from the primary root apex. Scale bar – 50 μm .



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002 **Supplementary 3.** The lignification of the protoxylem (PX), early metaxylem (EX) and late
003 metaxylem (LX) in the four treatments: Control (A), IBA (B), Cd (C), Cd+IBA (D). Cross-
004 sections of the root were made at 40% distances from the primary root apex. Scale bar – 50 μ m.

005

