Phloem unloading in Arabidopsis roots is convective and regulated by the phloem-pole pericycle. / Ross-Elliott, Timothy J.; Jensen, Kaare Hartvig; Haaning, Katrine S.; Wager, Brittney M.; Knoblauch, Jan; Howell, Alexander H.; Mullendore, Daniel L.; Monteith, Alexander G.; Paultre, Danae; Yan, Dawei; Otero, Sofia; Bourdon, Mattheiu; Sager, Ross; Lee, Jung-Youn; Helariutta, Ykä; Knoblauch, Michael; Opara, Karl J.