## Supporting Information

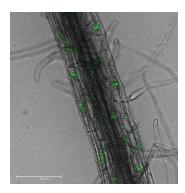


Figure S1. Localization of Gln1;1 in epidermis cells in the elongation zone of 3-week-old *Arabidopsis* roots. Bars =  $100 \ \mu m$ .

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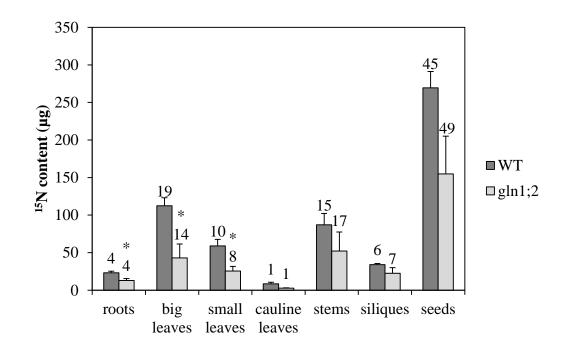


Figure S2. <sup>15</sup>N content in different tissues of *gln1;2* and *Arabidopsis* Wt.