

## Supplemental Figure 4. Expression Analysis of *IQD11* and *IQD14* Overexpression Lines and of *ProIQD11:GFP-GUS* and *ProIQD14:GFP-GUS* Lines

A, RT-PCR analysis of *IQD11* and *IQD14* expression levels in wild type and in two independent transgenic lines of *Pro35S:IQD11* (oxIQD11), *Pro35S:YFP-IQD11* (YFP-IQD11), *Pro35S:IQD14* (oxIQD14) and *Pro35S:GFP-IQD14* (GFP-IQD14) relative to *ACTIN2*. B, Histochemical GUS analysis transgenic *ProIQD11:GFP-GUS* and *ProIQD14:GFP-GUS* Arabidopsis seedlings. Seedlings were grown on ATS medium under long-day conditions; a) cotyledons of 5-day-old seedlings, and b) shoots, c) lateral roots, d) primary root tip of 10-day-old seedlings.