



Figure S3. Expression analysis of PUB20 and PUB21 by semi-quantitative RT-PCR. (A) Four-week-old plants of *Arabidopsis* (ecotype: Col-0) were subjected to low temperature (4 °C), 100 μ M ABA, 300 mM NaCl or drought stress treatment before sampling. Drought stress treatment was performed by placing the plants on a filter paper and keeping them in the growth chamber set at 22 °C, and other stress treatments were performed on liquid media. (B) Three-week-old *Arabidopsis* plants were incubated in 20 mM Tris-HCl (pH 6.8) containing 1 μ M flg22 for indicated times. (C) Three-week-old *Arabidopsis* plants were incubated in the DW containing *Agrobacterium tumefaciens* ($OD_{600} = 1.0$) for one minute and then incubated on 1/2x MS plates for indicated times. (D) 10-d-old (for seedlings) or five to six-week-old (for mature leaves, roots, flowers, stems) *Arabidopsis* plants were sampled. Primer pairs used are listed in Table S2.