Fig. 1. Screening for RPT5b polymorphism among Arabidopsis natural variation

A, Graphic representation of RPT5b. Red boxes represent exons. The start of translation is indicated by a broken arrow. Both promoter and intron seven SNPs (respectively SNP1 and SNP2) are indicated. Double-end arrows located below RPT5b cover the 500 bp fragments that have been re-sequenced. B, Two dCAPS markers were used to discriminate SNP1 and SNP2 between Col and Ws accessions (see Methods). Results are also shown for the 8 selected accessions that show a non-Col signature for SNP1 and/or SNP2. C, Display of sequences around SNP1 (in promoter) and SNP2 (in intron 7) following partial RPT5b re-sequencing. The Col sequence is given as reference. Non-coding sequences are italicised while coding sequence (beginning of exon 8) are not. The first base of exon 8 is indicated by a star.