



## Supplementary Figure 1

**Validation of new TE insertions.** **a.** Scheme of the PCR validation procedure, arrows represent primers. **b.** PCR results for 16 three new insertions identified in two epiRILs and involving three distinct donors : ATENSPM3 (AT2TE20205), VANDAL21 (AT2TE42810) and ATCOPIA93 (AT5TE20395). **c.** Sequencing results of the PCR products that correspond to the borders of new insertions. TE sequence is represented in bold and target site duplications generated by TE insertion are underlined. The star highlights the single polymorphism located in the extremity of the TE and that discriminates between the two ATCOPIA93 potential donors.