



**Figure 1. Root growth and ionome. (A)** Root length (cm), **(B)** root ionome profile (mean-standardized values of 12 elements), and **(C)** root Fe concentration ( $\mu\text{g/g}$ ) and Fe translocation ratio (leaf [Fe] / root [Fe]) of A1<sub>(c+)</sub>, T6<sub>(c-)</sub> and Col-0 *A. thaliana* plants cultivated in hydroponics under control (pH 5.7), high pH (pH 8.3) and bic (10 mM NaHCO<sub>3</sub>, pH 8.3) conditions for 10 days. Numbers indicate significant differences between treatments per accession and letters indicate significant differences between accessions under the same treatment (t-test,  $p < 0.05$ ).