

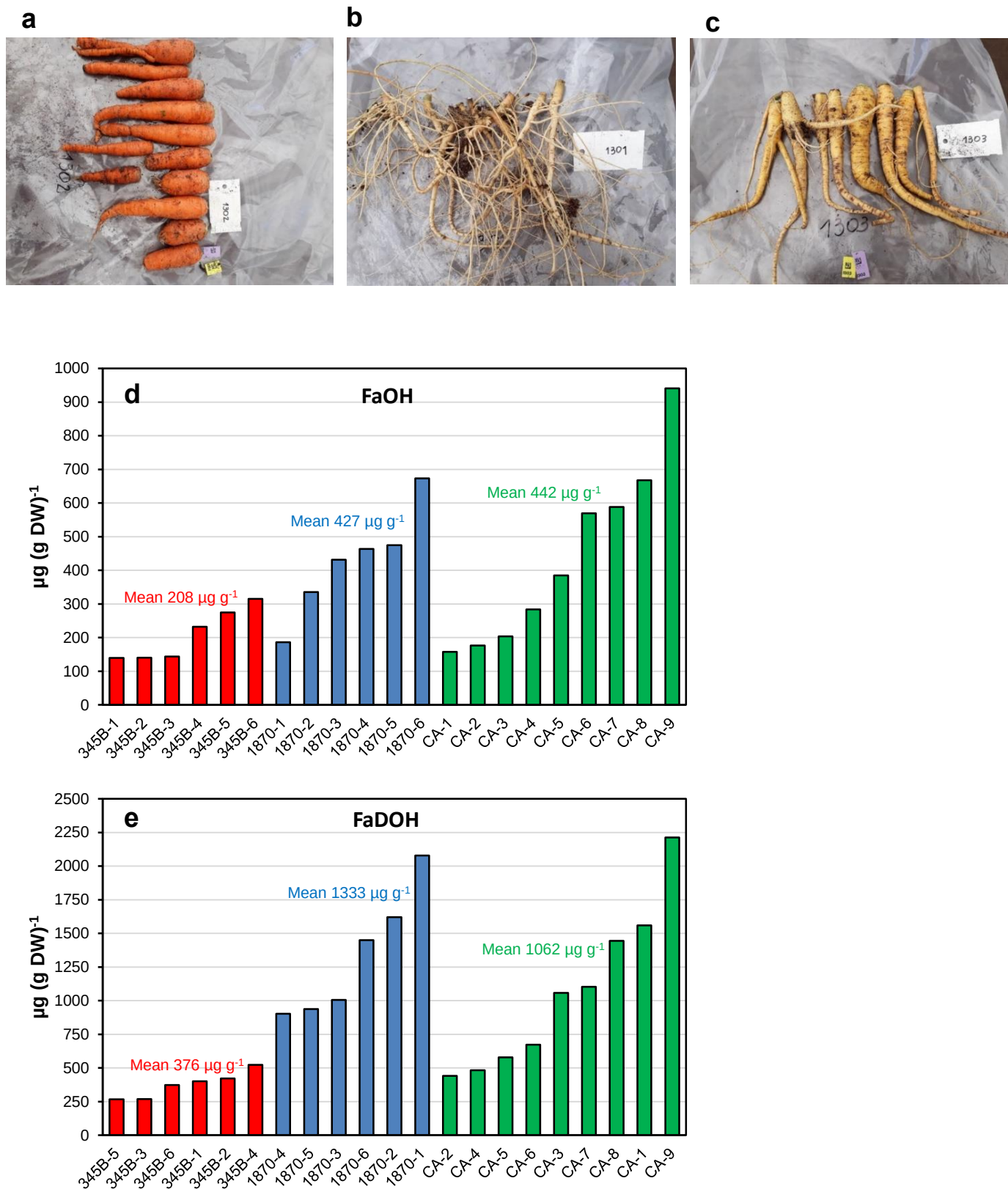


Figure S1 Characteristic carrot root phenotypes of the cultivated inbred line '345B' (**a**), of the inbred line derived from *D. carota* ssp. *commutatus* accession JKI 1870 ('1870') (**b**) and of the F₂ population 'CA'. FaOH and FaDOH levels of each six parental individuals of '345B' and '1870', and nine F₂ individuals of 'CA' are shown in **d** and **e**, respectively. Due to morphological reasons, root tissue for PA analysis was sampled using the 'PPX' method. For details, see method section.