Characterization among and within Sicilian durum wheat landraces by grain storage protein analysis

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**Supplementary figures**

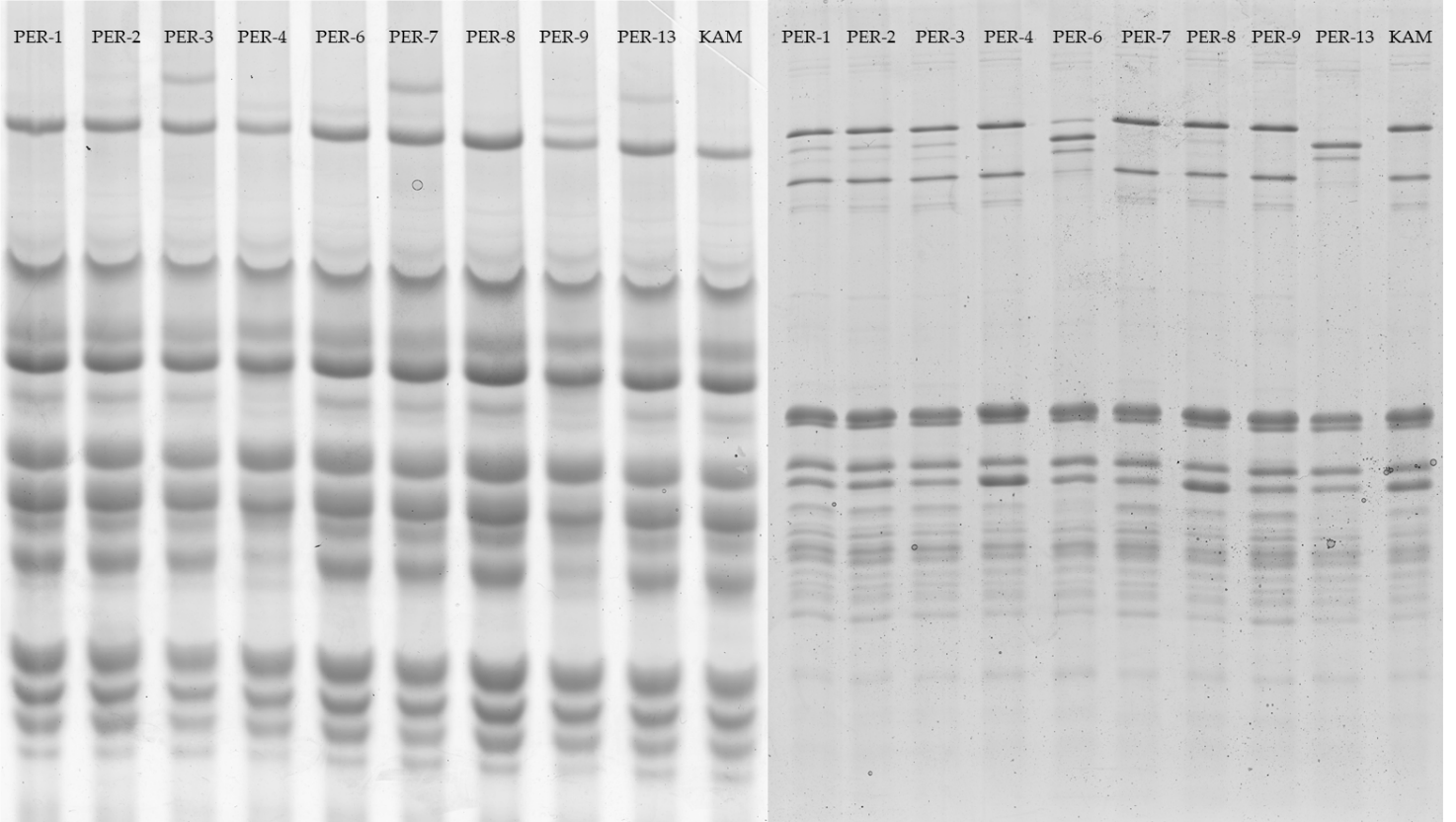
Immagine che contiene schermata, bianco e nero, Rettangolo, Parallelo

Descrizione generata automaticamente

B

A

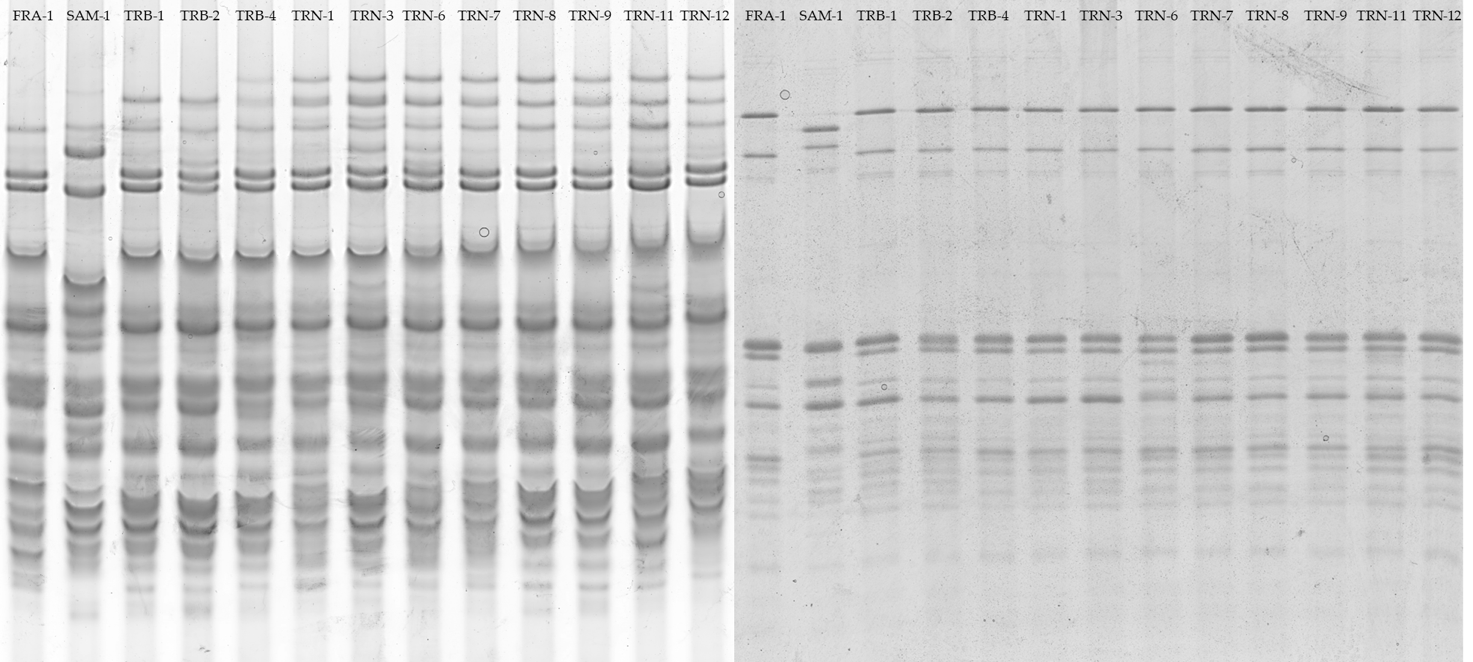
**Figure S1.** Electrophoretic separation of glutens proteins of the accession bulks. A-PAGE analysis of gliadins fractions (**A**) and on the right SDS-PAGE analysis of glutenins fraction (**B**). Accessions of the varieties analysed: Biancuccia (BIA), Giustalisa (GIU), Martinella (MAR), Urria (URR), Bivona (BIV), Ciciredda (CIC), Russello Ibleo (RUI), Russello (RUS). Each lane corresponds to an accession (Table 3).



B

A

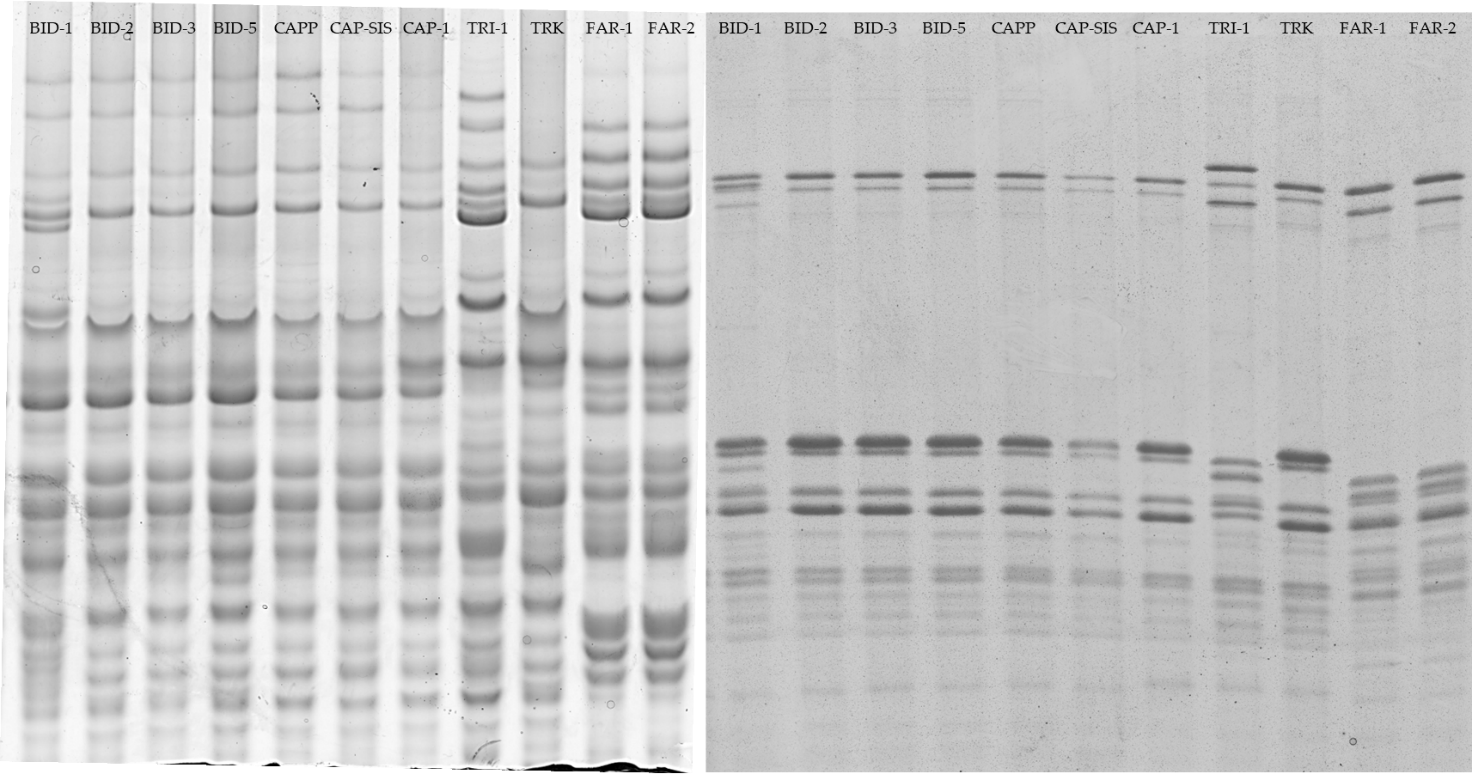
**Figure S2**. Electrophoretic separation of glutens proteins of the accession bulks. A-PAGE analysis of gliadins fractions (A) and on the right SDS-PAGE analysis of glutenin fraction (B). Accessions of the varieties analysed: Perciasacchi (PER) and Kamut (KAM). Each lane corresponds to an accession (Table 3)..



B

A

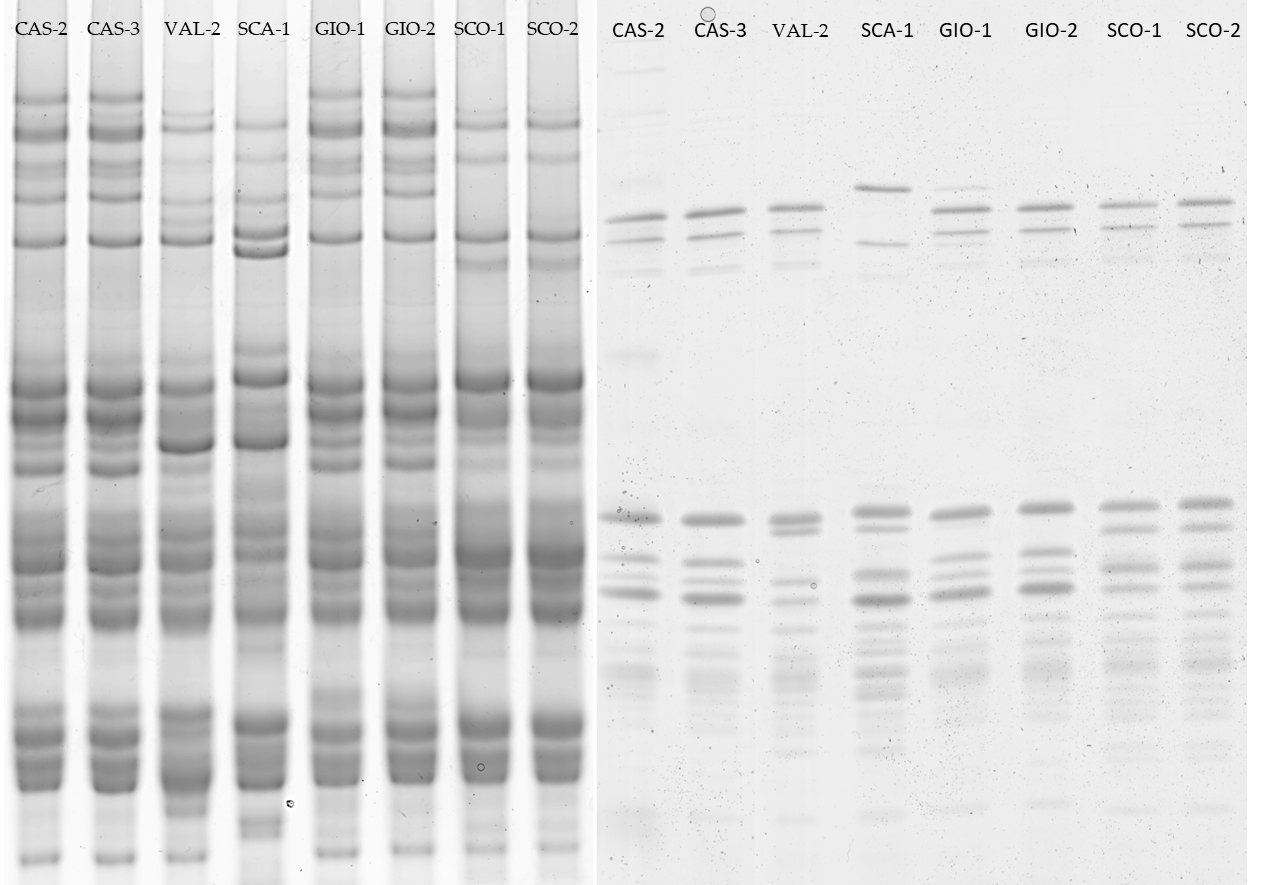
**Figure S3.** Electrophoretic separation of glutens proteins of the accession bulks. A-PAGE analysis of gliadins fractions (**A**) and on the right SDS-PAGE analysis of glutenin fraction (**B**) of the accessions of the varieties: Francesa (FRA), Sammartinara (SAM), Timilia Reste Bianche (TRB), Timilia Reste Nere (TRN). Each lane corresponds to an accession (Table 3).



B

A

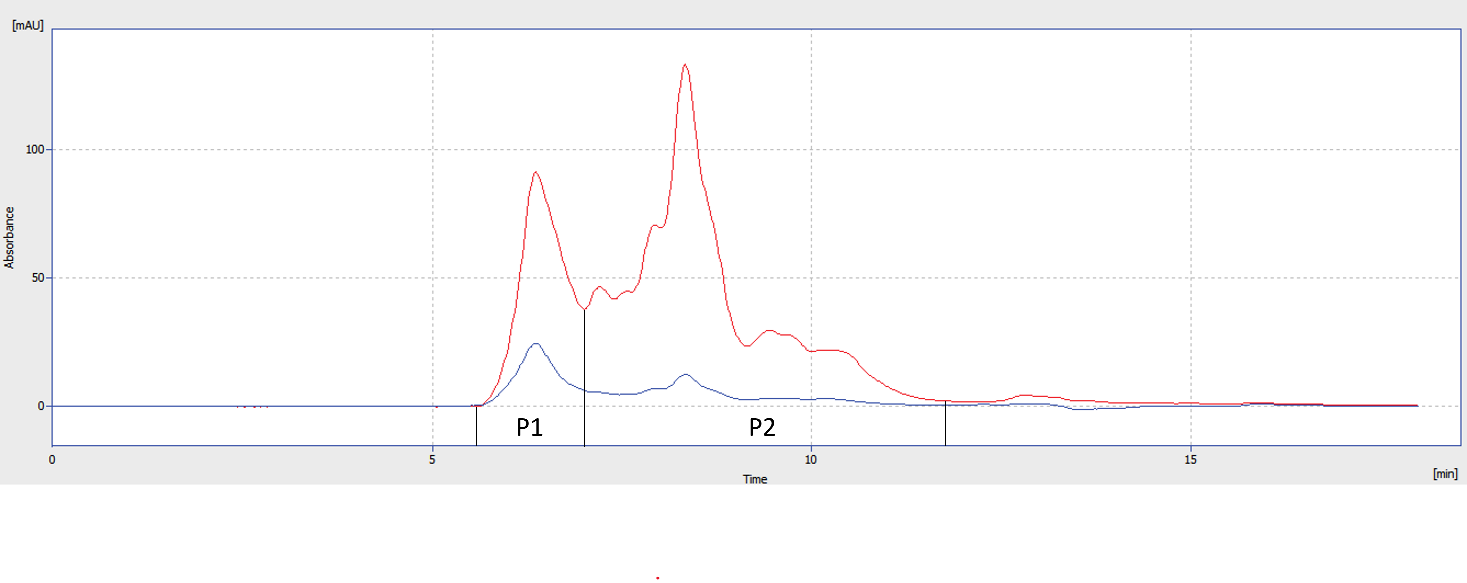
**Figure S4**. Electrophoretic separation of glutens proteins of the accession bulks. A-PAGE analysis of gliadins fractions (A) and on the right SDS-PAGE analysis of glutenin fraction (B). Accessions of the varieties analysed: Bidì (BID), Cappelli (CAPP), Cappelli – SIS (CAP-SIS), Capeiti 8 (CAP), Tripolino (TRI), Trinakria (TRK), Faricello (FAR). Each lane corresponds to an accession (Table 3).



B

A

**Figure S5**. Electrophoretic separation of glutens proteins of the accession bulks. A-PAGE analysis of gliadins fractions (A) and on the right SDS-PAGE analysis of glutenins fraction (B). Accessions of the varieties analysed: Castiglione Glabro (CAS), Vallelunga pubescente (VAL), Scavuzza (SCA), Gioia (GIO), Scorsonera (SCO). Every lane corresponds to an accession (Table 3). On the left A-PAGE analysis of gliadins fractions and on the right SDS-PAGE analysis of glutenin fraction.



**Figure S6**. Chromatograms of SE-HPLC. Example of chromatograms obtained from the SE-HPLC analysis of the soluble (in red) and the insoluble (in blue) fractions. These have been used for %UPP calculation. The graph was obtained using the software Clarity v.8.8 (DataApex, Prague, Czech Republic).