

Table S1. Some morpho-agronomic traits of the wheat genotypes used in the study.

Genotypes	Year of release	Group	Lodging susceptibility	1000-seed weight	Grain yield potential	Grain protein content	Ear color
1 Biancuccia	—	Old	Very high	Low	Very low	Very high	Black/Yellow
2 Maiorccone	—	Old	High	Very low	Very low	Medium-high	Yellow
3 Realforte	—	Old	High	Low	Very low	High	Black/Yellow
4 Russello	—	Old	High	Medium	Low	High	Reddish
5 Scorsonera	—	Old	High	Medium	Very low	High	Black
6 Cappelli	1915	Old	High	High	Low	High	Black
7 Capeiti 8	1955	Modern	Medium	Medium	Medium	Medium-high	Black
8 Creso	1974	Modern	Low	Medium-high	Medium-high	Medium-high	Brown
9 Simeto	1988	Modern	Low	High	High	High	Black
10 Valbelice	1992	Modern	Medium	Medium-low	Medium-high	Medium-high	Yellow
11 Iride	1996	Modern	Low	Medium-low	High	Medium-low	Black
12 Claudio	1998	Modern	Low	Medium-high	High	Medium-high	Black