

Table S4. Classification of δ -gliadin genes, identified in different durum and bread wheat cvs., orthologous to the Svevo *Gli- $\delta 1a^*$* , *Gli- $\delta 2a^*$* and *Gli- $\delta 1b^*$* genes. The gene sequences of bread wheat cvs. were retrieved from the Wheat URGI database (<https://wheat-urgi.versailles.inra.fr/>), whereas those of durum wheat cvs. other than Svevo were retrieved from the Ensembl Plants database (<https://plants.ensembl.org/index.html>).

Cultivar	δ -gliadin genes					
	<i>Gli-$\delta 1a^*$</i>		<i>Gli-$\delta 2a^*$</i>		<i>Gli-$\delta 1b^*$</i>	
	Gene	Pseudogene	Gene	Pseudogene	Gene	Pseudogene
<i>Durum wheat cvs.</i>						
Svevo		✓		✓		✓
Cappelli		✓		✓		✓
Strongfield		✓		✓		✓
<i>Bread wheat cvs.</i>						
Chinese Spring		✓		✓	✓	
Cadenza		✓		✓		✓
Claire		✓		✓		✓
Jagger		✓		✓	✓	
Julius		✓		✓		✓
Lancer		✓		✓		✓
Landmark	✓			✓		✓
Mace	✓			✓	✓	
Paragon		✓		✓		✓
Robigus	✓			✓		✓
Stanley		✓		✓		✓
Weebill		✓		✓	✓	