

**Table S9 Selected wheat accessions grouped according to the climatic condition at the site of origin (cool or warm) to assess variation in the LUX sequence, expressed as a number of haplotypes**

n	Genome	Climate	Number of haplotypes
44	A	cool <sup>a</sup>	12
37	A	warm <sup>b</sup>	16
20	B	cool	6
20	B	warm	7

<sup>a</sup> locations having less than 18° (average value from March and August) were classified as a cool climate

<sup>b</sup> locations having 18° or more—as a warm climate