

# S1 Fig. Population structure for the breeding panel. (a) Consensus phylogenetic tree constructed using Rogers’ Euclidean distance for the 92 durum wheat cultivars; the color strip represents the composition of three sub-populations. (b) Principal component analysis where each dot represents one of the 92 lines of the breeding population in a space formed by Prin1, Prin2 and Prin3; the dots were colored according to model-based Bayesian clustering analysis using STRUCTURE V2.3.4.