Appendix S1. Genetic diversity statistics for subsets of CO breeding lines.

Population	N	%P	A_g (± S.E.)	PAL	H_o	H_e
Varieties	11	36.84	1.34^a (0.0015)	0.06^a	0.003^a	0.121^a
Elite breeding lines	17	42.11	1.35^a (0.0017)	0.07^a	0.011^a	0.118^a
Germplasm conversion	6	35.34	1.35^a (0.0014)	0.07^a	0.036^b	0.131^a

N number of plants sampled

%P percent polymorphic loci

A_g allelic richness (based on the rarefaction method) averaged across all loci ($F_{2,130} = 4.68$)

PAL private allelic richness (based on the rarefaction method) averaged across all loci ($F_{2,130} = 0.74$)

H_o observed heterozygosity averaged across all loci ($F_{2,130} = 1.66$)

H_e expected heterozygosity averaged across all loci ($F_{2,130} = 5.48$)

Superscript letters indicate differences in significance levels ($P < 0.001$)