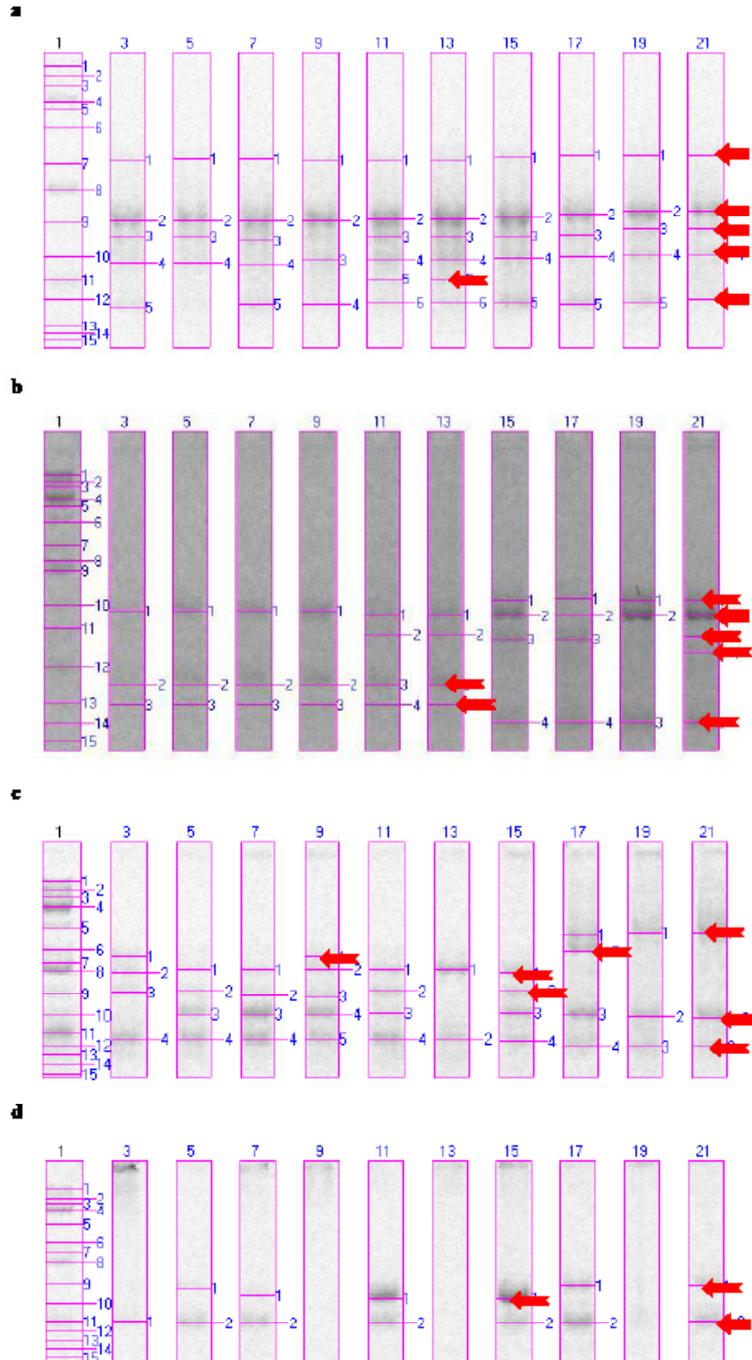
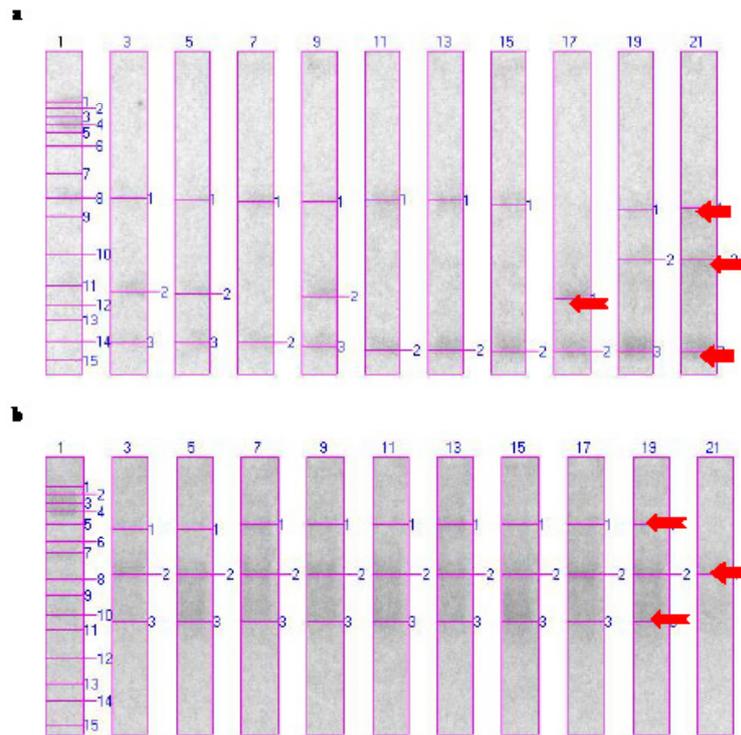


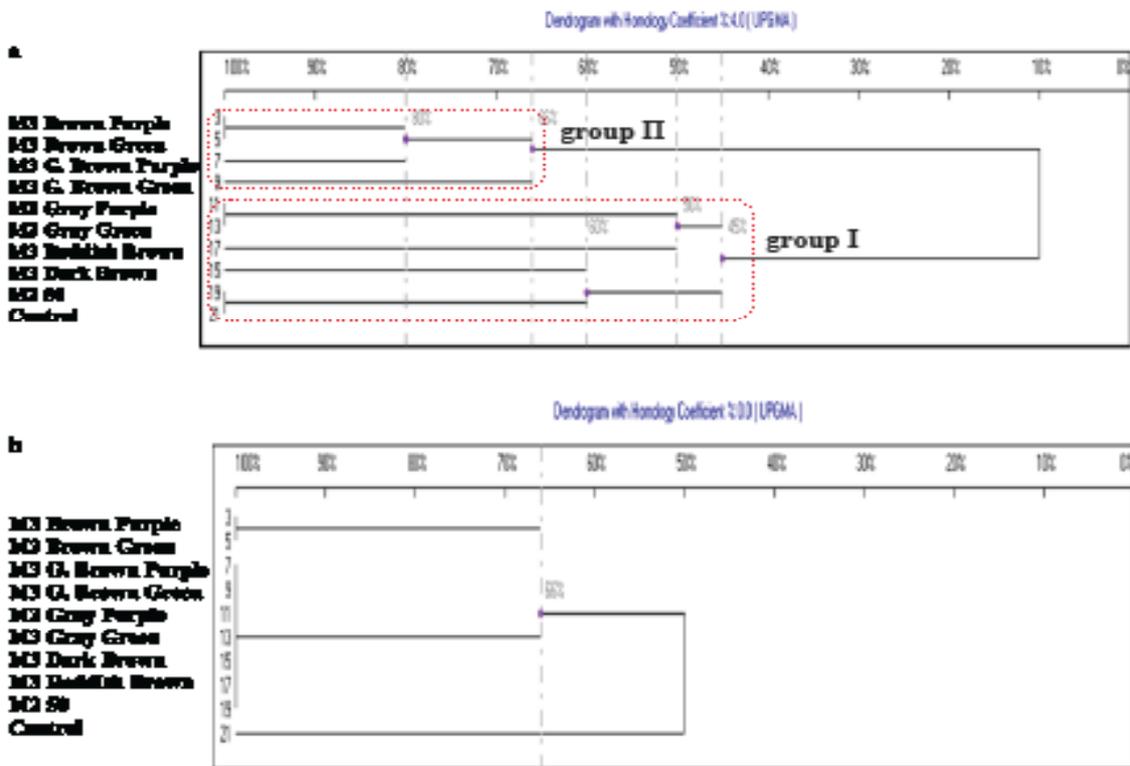
Supplementary



Suppl. Fig. 1. RAPD fingerprinting produced by primers OPH-3 (a), OPW-17 (b), OPC-16 (c) and OPD-12 (d) of eight M3 seed coat segregating genotypes, in addition, to control and M2 50Gy of cv Abo Yousuf. Notched arrow(s) indicated polymorphic band(s) and normal arrow(s) refers to monomorphic band(s) for specific genotype(s)



Suppl. Fig. 3. ISSR fingerprinting produced by primers A (a) and D (b) of eight M3 seed coat segregating genotypes, in addition, to control and M2 50Gy of cv Abo Yousuf. Notched arrow(s) indicated polymorphic band(s) and normal arrow(s) refers to monomorphic band(s) for specific genotype(s)



Suppl. Fig. 4. Dendrogram illustrates the differentiation of eight M3 seed coat segregating genotypes, in addition, to control and M2 50Gy of cv Abo Yousuf constructed by the UPGMA cluster analysis based on ISSR fingerprinting using primers: A (a) and D (b). G= grayish