

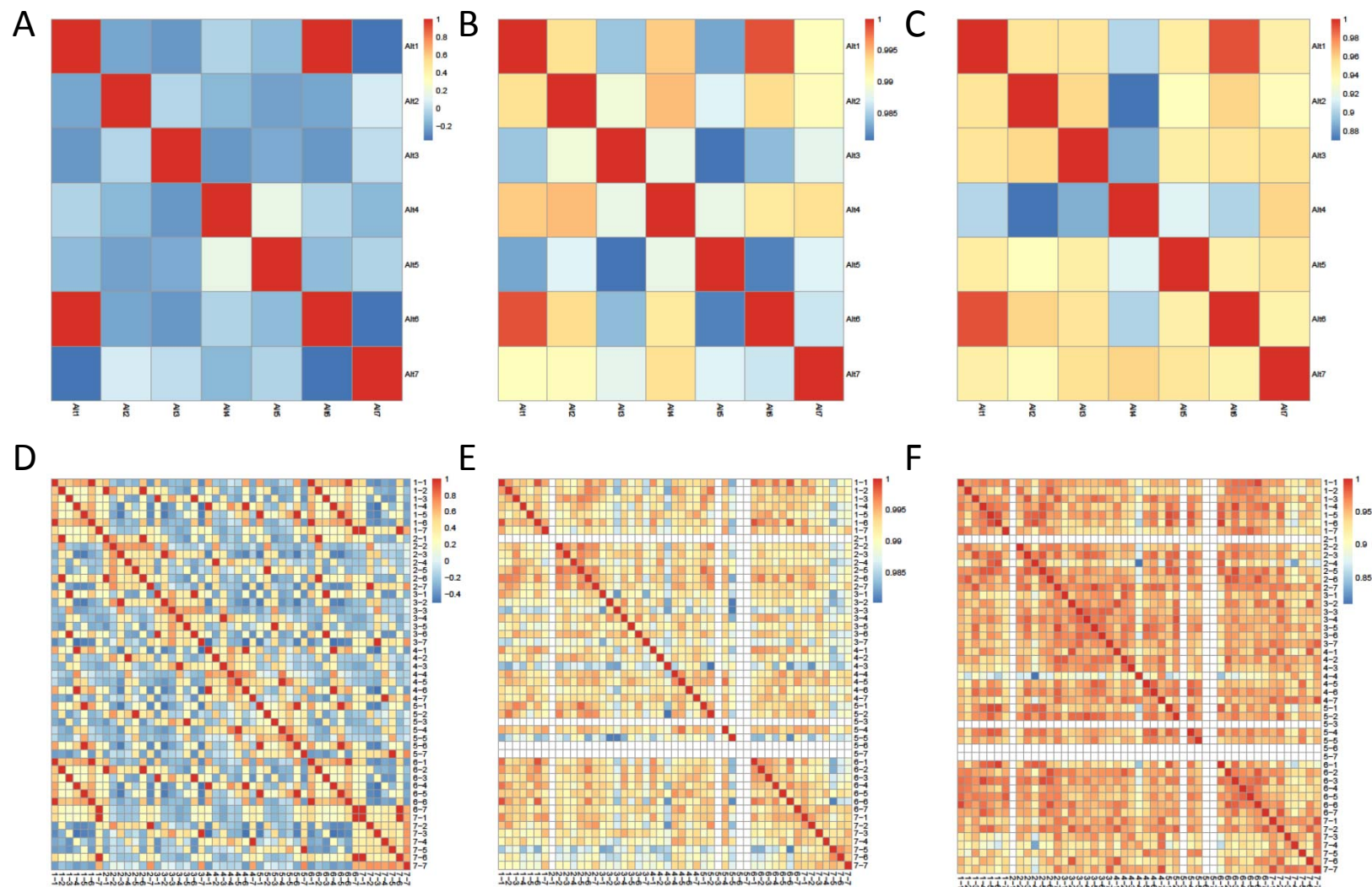


Figure S1. Relationship between genotypes based on genotypic and phenotypic data. Pearson correlation matrix between SNP profiles of parents (A) and hybrids (D). Pearson correlation matrix between metabolic profiles composed of primary metabolite levels in parents (B) and hybrids (E). Pearson correlation matrix between metabolic profiles composed of secondary metabolite levels in parents (C) and hybrids (F). Altogether, 45 genotypes including 38 hybrids and 7 parents were phenotyped for primary and secondary metabolite levels.