

Table 2 AMOVA partitioning SSR variation, among populations, among individuals within populations, and within individuals in 140 sorghum accessions

Source	Degree of freedom	Sum of squares	Mean of squares	Variance components	Percentage of variation	P-value
Among Populations	10	405.3	40.53	1.16	12	***
Among individual sub population	129	1810.7	14.04	5.53	57	***
Within individual sub population.	140	415.5	2.97	2.97	31	***
Total	279	2631.5	57.54	9.66		