



## **Abstract**

Mitochondrial DNA control region data was estimated for 50 healthy and unrelated Hazara populations living in Quetta, Pakistan. By sequencing of control region, a total of 39 different haplotypes were observed with 30 unique haplotypes and 9 haplotypes shared by more than one individual. The data results revealed mtDNA pool composed of European haplogroups 52% with 26% HV and H haplogroups followed by admixed of East Asia haplogroups 14%, South Asia haplogroups 14%, Southeast Asia haplogroups 24%, Asia haplogroups 4% and 2% of African haplogroups. The result of this study is of value for building mtDNA variation database in Pakistan.